

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037169.D
 Acq On : 5 Oct 2018 00:00
 Operator : JU/SJ
 Sample : PB113496BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Quant Time: Oct 05 01:43:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37482	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	161143	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	115235	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	307824	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	311293	20.00	ng	-0.02
86) Perylene-d12	24.87	264	322345	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	291964	149.38	ng	-0.02
7) Phenol-d6	7.20	99	424977	140.54	ng	-0.02
23) Nitrobenzene-d5	9.19	82	270357	89.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	196231	142.33	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	608232	78.61	ng	-0.02
78) Terphenyl-d14	20.01	244	1160659	98.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	38836	43.425	ng	99
3) Pyridine	3.90	79	108137	41.877	ng	99
4) n-Nitrosodimethylamine	3.82	42	63018	54.908	ng	# 94
6) Aniline	7.36	93	92094	23.472	ng	98
8) 2-Chlorophenol	7.59	128	116519	51.345	ng	93
9) Benzaldehyde	7.17	77	52883	26.466	ng	96
10) Phenol	7.22	94	163993	52.549	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	114328	39.604	ng	98
12) 1,3-Dichlorobenzene	7.92	146	117481	42.226	ng	98
13) 1,4-Dichlorobenzene	8.06	146	117814	41.379	ng	99
14) 1,2-Dichlorobenzene	8.38	146	112106	40.631	ng	97
15) Benzyl Alcohol	8.27	79	109648	44.689	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	236644	42.699	ng	97
17) 2-Methylphenol	8.47	107	102304	47.062	ng	92
18) Hexachloroethane	9.11	117	45960	43.865	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	100966	40.137	ng	97
20) 3+4-Methylphenols	8.80	107	152449	50.410	ng	98
22) Acetophenone	8.86	105	178873	47.236	ng	# 98
24) Nitrobenzene	9.23	77	148919	46.342	ng	99
25) Isophorone	9.76	82	293395	53.360	ng	100
26) 2-Nitrophenol	9.94	139	66174	51.663	ng	97
27) 2,4-Dimethylphenol	10.00	122	119265	59.775	ng	98
28) bis(2-Chloroethoxy)methane	10.24	93	162017	47.754	ng	99
29) 2,4-Dichlorophenol	10.49	162	130308	56.339	ng	93
30) 1,2,4-Trichlorobenzene	10.70	180	124309	42.947	ng	98
31) Naphthalene	10.89	128	370609	48.336	ng	98
32) Benzoic acid	10.14	122	32630	24.576	ng	94
33) 4-Chloroaniline	11.00	127	53791	15.430	ng	# 91
34) Hexachlorobutadiene	11.17	225	80894	40.413	ng	96
35) Caprolactam	11.77	113	35016	36.783	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	159287	57.717	ng	98
37) 2-Methylnaphthalene	12.49	142	293784	50.309	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	161079	40.078	ng	99
40) Hexachlorocyclopentadiene	12.83	237	187536	90.725	ng	97

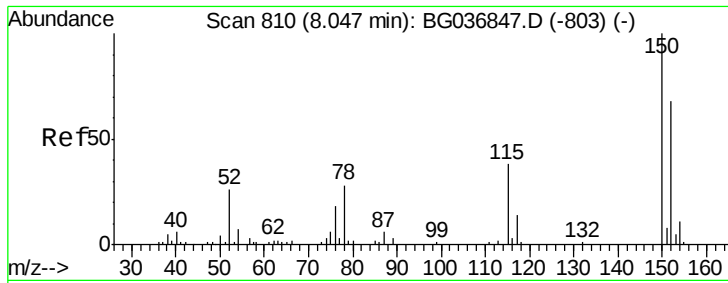
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037169.D
 Acq On : 5 Oct 2018 00:00
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	111664	50.032	ng	97
43) 2,4,5-Trichlorophenol	13.17	196	129900	54.583	ng	98
45) 1,1'-Biphenyl	13.49	154	393199	44.553	ng	98
46) 2-Chloronaphthalene	13.53	162	299669	43.177	ng	97
47) 2-Nitroaniline	13.74	65	131734	54.876	ng	96
48) Acenaphthylene	14.38	152	535980	49.282	ng	98
49) Dimethylphthalate	14.11	163	446118	48.096	ng	99
50) 2,6-Dinitrotoluene	14.23	165	100657	49.737	ng	99
51) Acenaphthene	14.72	154	303814	46.221	ng	99
52) 3-Nitroaniline	14.57	138	51651	24.220	ng	98
53) 2,4-Dinitrophenol	14.77	184	30869	37.085	ng	# 82
54) Dibenzofuran	15.06	168	514665	46.291	ng	100
55) 4-Nitrophenol	14.88	139	159277	116.912	ng	100
56) 2,4-Dinitrotoluene	15.02	165	147465	52.219	ng	96
57) Fluorene	15.71	166	425126	51.159	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	135721	56.217	ng	98
59) Diethylphthalate	15.47	149	461868	49.369	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	232751	44.227	ng	98
61) 4-Nitroaniline	15.73	138	114324	50.965	ng	99
62) Azobenzene	15.99	77	465820	51.820	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	47627	29.594	ng	93
65) n-Nitrosodiphenylamine	15.91	169	394476	46.419	ng	98
66) 4-Bromophenyl-phenylether	16.59	248	152535	43.565	ng	96
67) Hexachlorobenzene	16.71	284	154217	42.765	ng	100
68) Atrazine	16.86	200	170829	49.646	ng	98
69) Pentachlorophenol	17.05	266	165414	72.856	ng	96
70) Phenanthrene	17.45	178	743545	50.125	ng	98
71) Anthracene	17.54	178	767798	52.345	ng	99
72) Carbazole	17.81	167	685980	47.967	ng	98
73) Di-n-butylphthalate	18.36	149	808348	50.897	ng	99
74) Fluoranthene	19.45	202	921055	51.583	ng	99
76) Benzidine	19.64	184	297938	31.661	ng	97
77) Pyrene	19.82	202	899312	48.143	ng	99
79) Butylbenzylphthalate	20.70	149	376376	50.549	ng	97
80) Benzo(a)anthracene	21.65	228	881466	48.508	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	177767	25.701	ng	96
82) Chrysene	21.72	228	833841	47.492	ng	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	519988	49.991	ng	98
84) Di-n-octyl phthalate	22.75	149	883477	51.587	ng	100
85) Indeno(1,2,3-cd)pyrene	28.51	276	978464	51.897	ng	100
87) Benzo(b)fluoranthene	23.85	252	860599	50.097	ng	97
88) Benzo(k)fluoranthene	23.92	252	845481	49.057	ng	100
89) Benzo(a)pyrene	24.72	252	839990	50.578	ng	99
90) Dibenzo(a,h)anthracene	28.57	278	788248	50.642	ng	97
91) Benzo(g,h,i)perylene	29.65	276	799075	51.153	ng	99

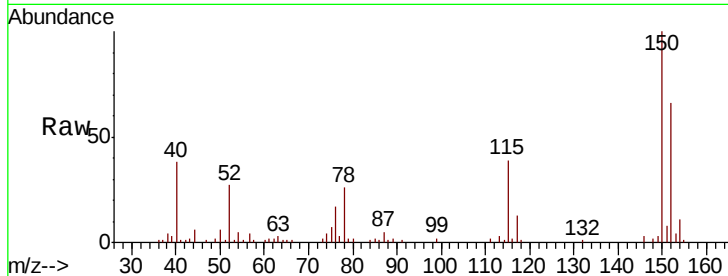
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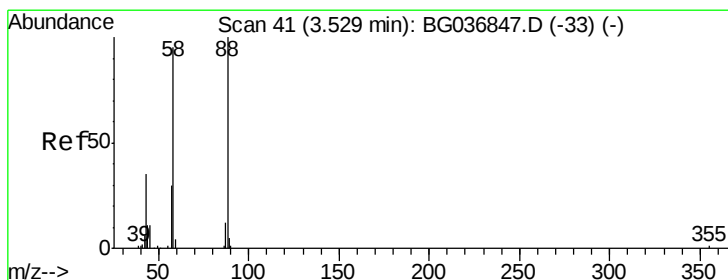
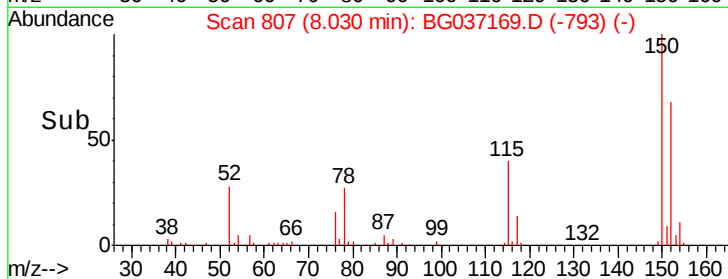
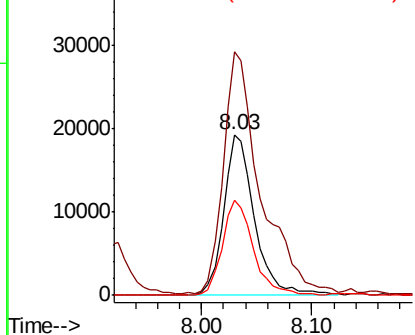
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tgt Ion:152 Resp: 37482
 Ion Ratio Lower Upper
 152 100
 150 151.5 119.5 179.3
 115 59.1 44.5 66.7

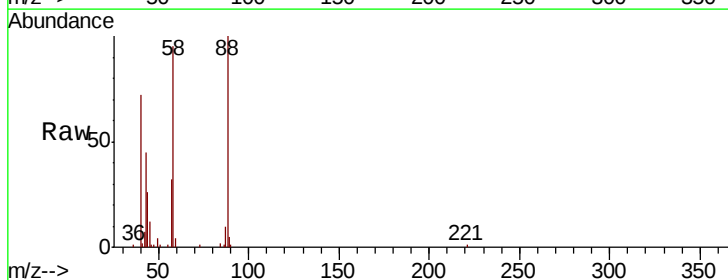


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

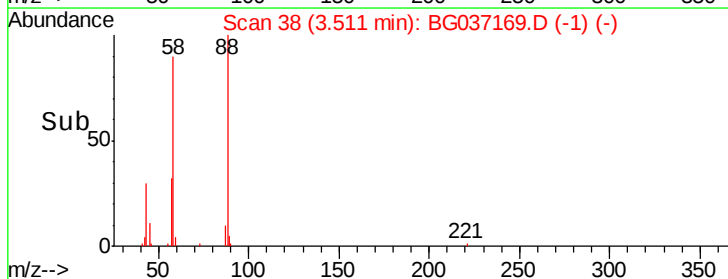
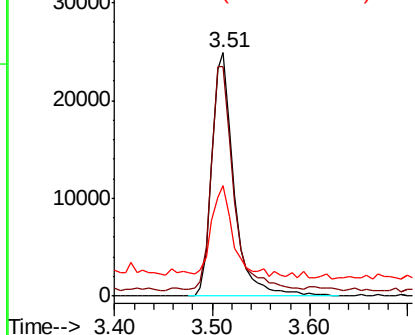


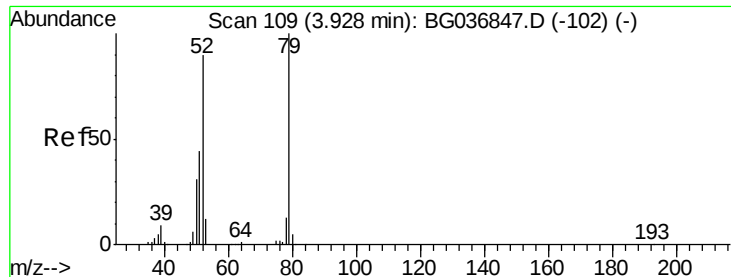
#2
 1,4-Dioxane
 Concen: 43.425 ng
 RT: 3.51 min Scan# 38
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion: 88 Resp: 38836
 Ion Ratio Lower Upper
 88 100
 58 92.3 72.6 109.0
 43 36.8 29.0 43.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 41.877 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

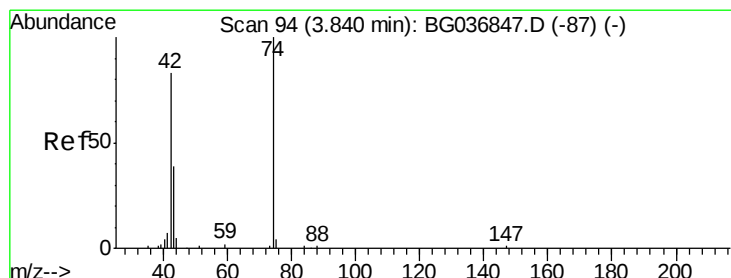
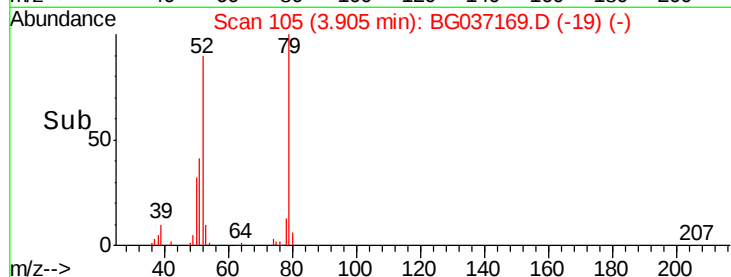
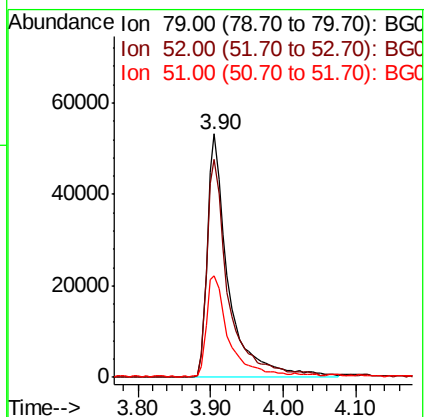
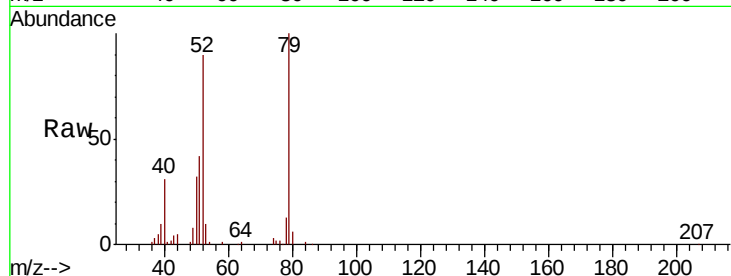
Tgt Ion: 79 Resp: 108137

Ion Ratio Lower Upper

79 100

52 89.5 72.3 108.5

51 41.9 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 54.908 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

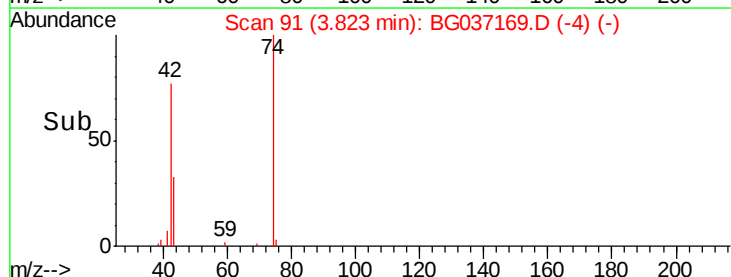
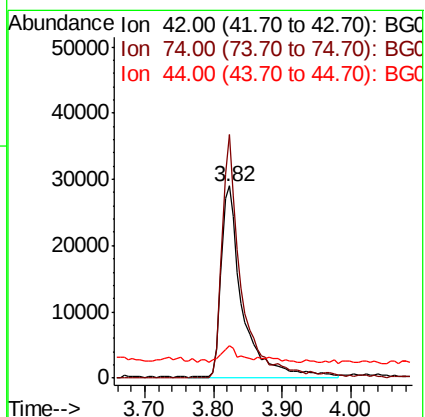
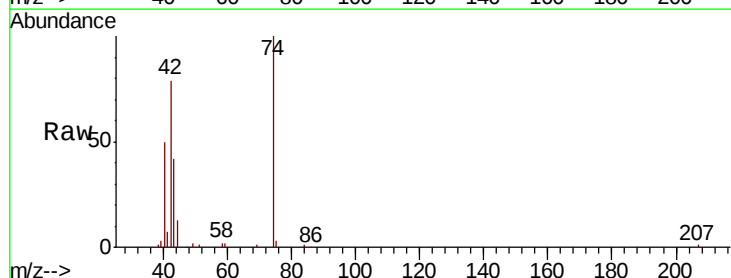
Tgt Ion: 42 Resp: 63018

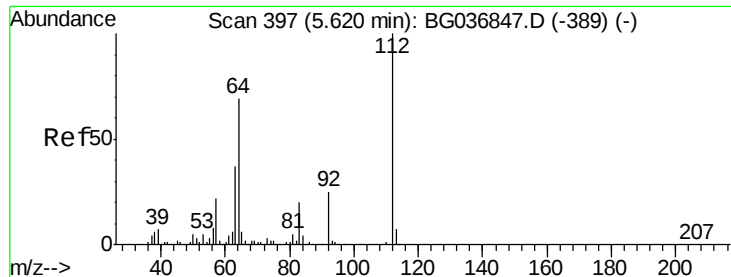
Ion Ratio Lower Upper

42 100

74 126.7 96.6 145.0

44 17.1 7.0 10.4#





#5

2-Fluorophenol

Concen: 149.385 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

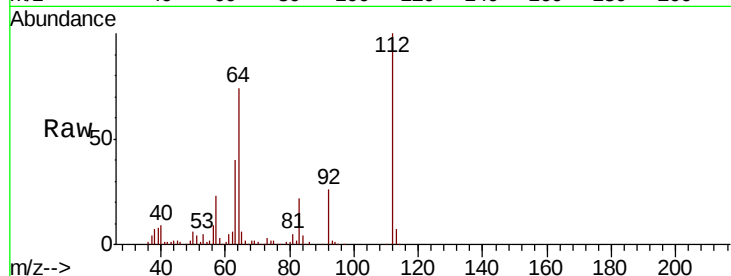
Tgt Ion: 112 Resp: 291964

Ion Ratio Lower Upper

112 100

64 73.8 57.2 85.8

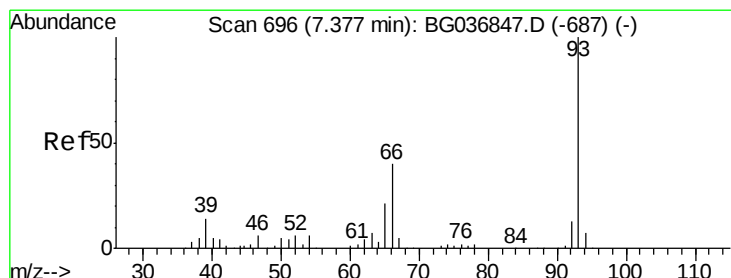
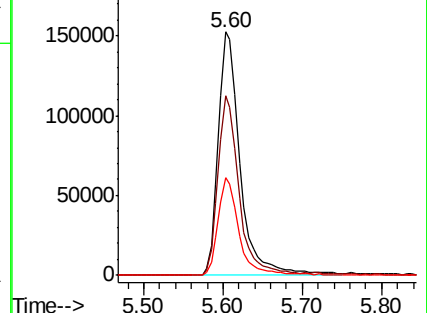
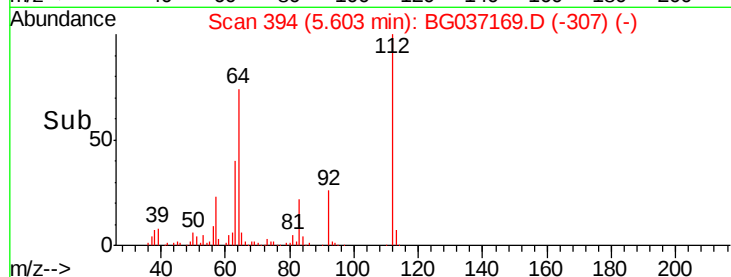
63 40.4 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.472 ng

RT: 7.36 min Scan# 693

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

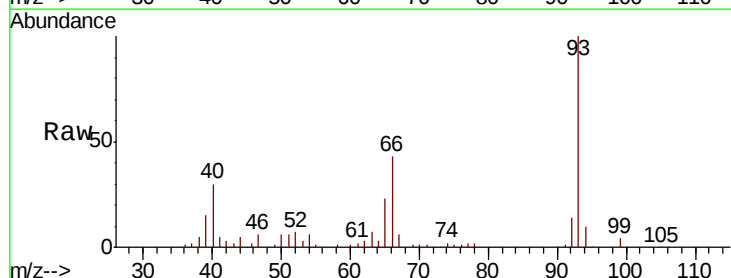
Tgt Ion: 93 Resp: 92094

Ion Ratio Lower Upper

93 100

66 42.9 35.0 52.4

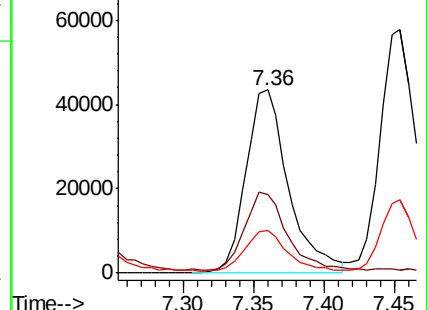
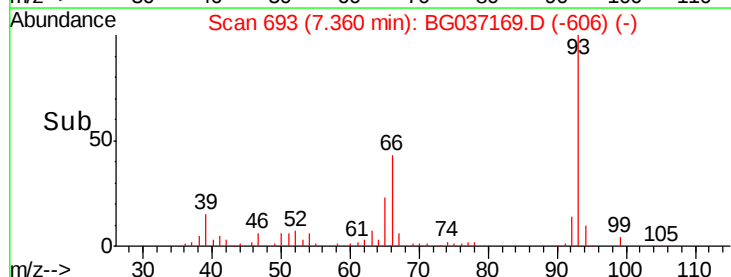
65 23.2 17.6 26.4

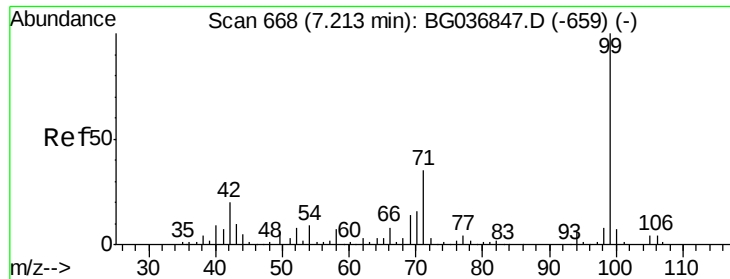


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.541 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

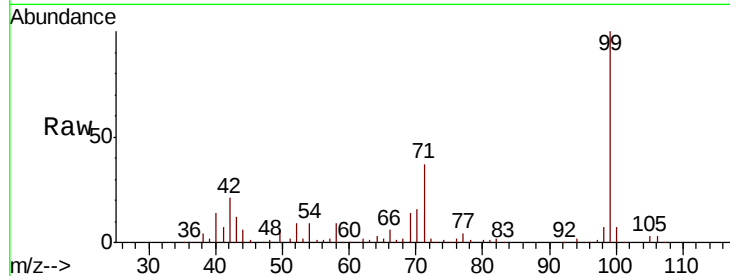
Tgt Ion: 99 Resp: 424977

Ion Ratio Lower Upper

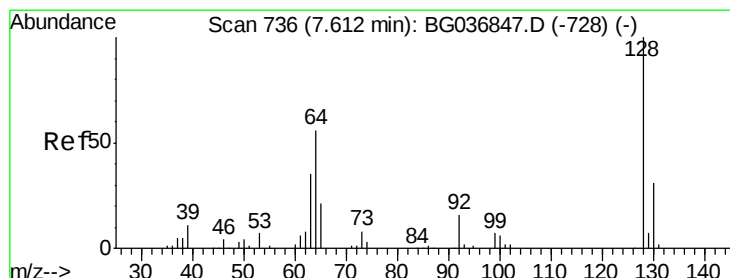
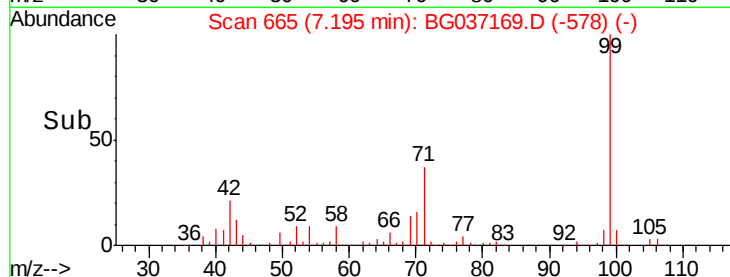
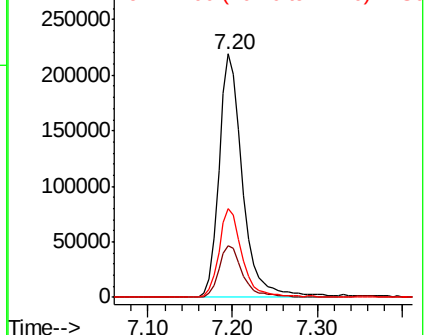
99 100

42 21.4 16.5 24.7

71 36.5 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.345 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

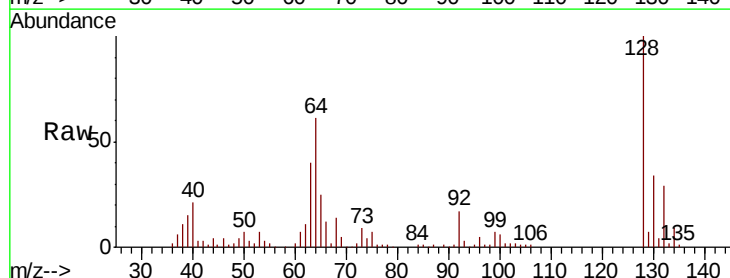
Tgt Ion: 128 Resp: 116519

Ion Ratio Lower Upper

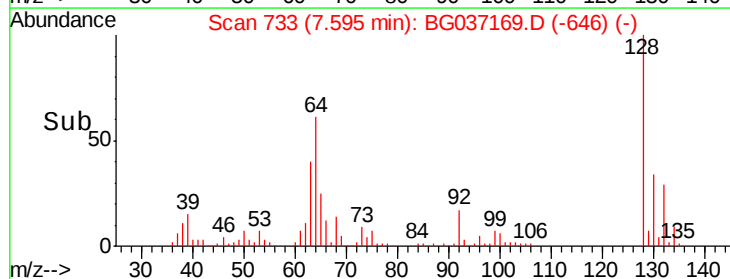
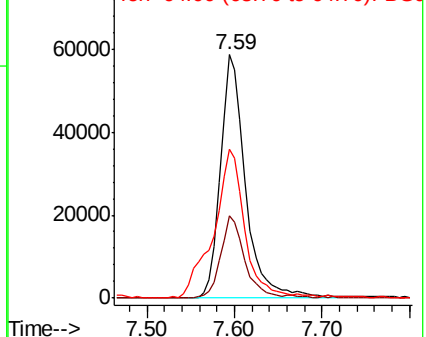
128 100

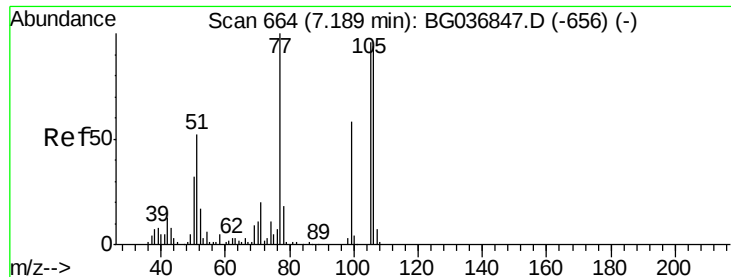
130 33.6 10.0 50.0

64 61.2 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.466 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

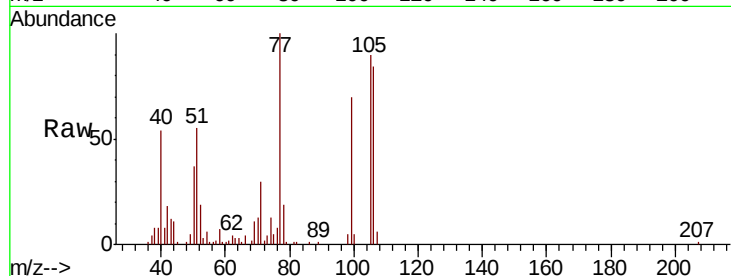
Tgt Ion: 77 Resp: 52883

Ion Ratio Lower Upper

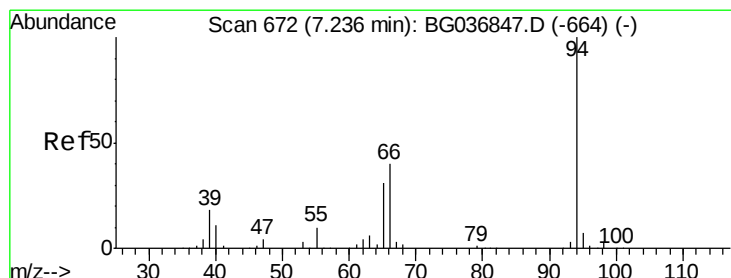
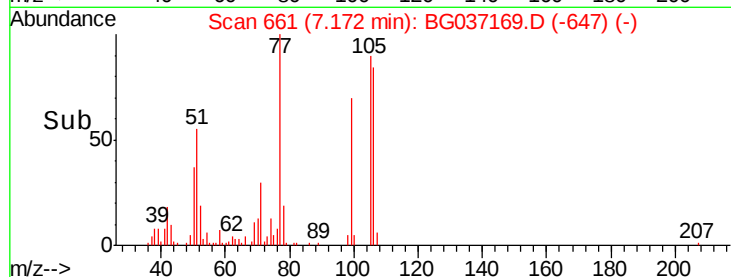
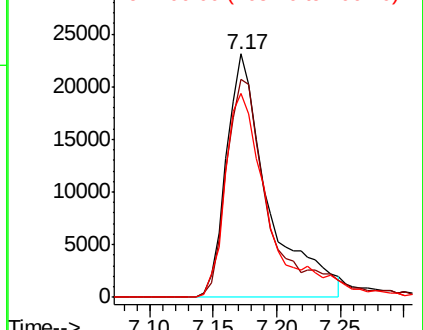
77 100

105 89.5 70.5 110.5

106 84.0 69.8 109.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 52.549 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

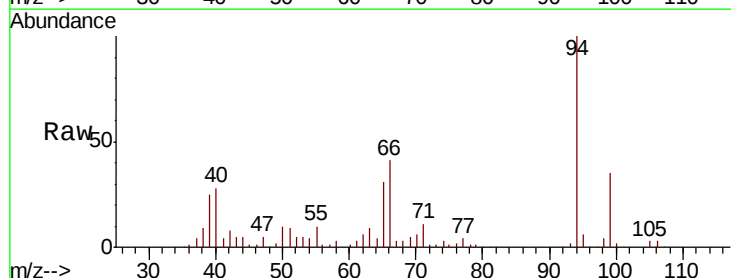
Tgt Ion: 94 Resp: 163993

Ion Ratio Lower Upper

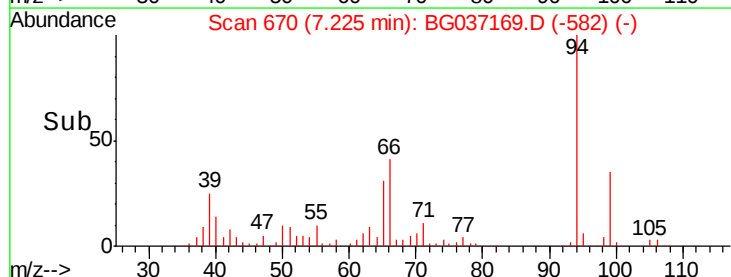
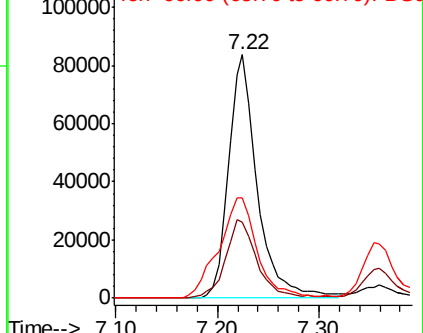
94 100

65 31.3 11.5 51.5

66 41.3 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

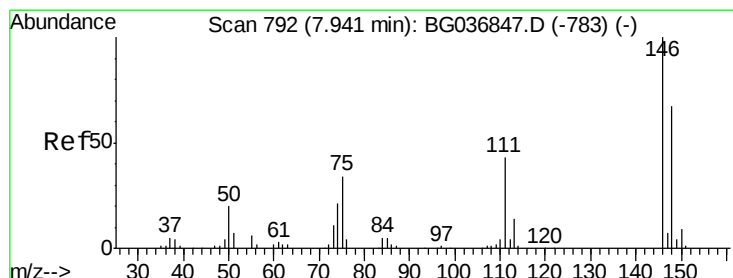
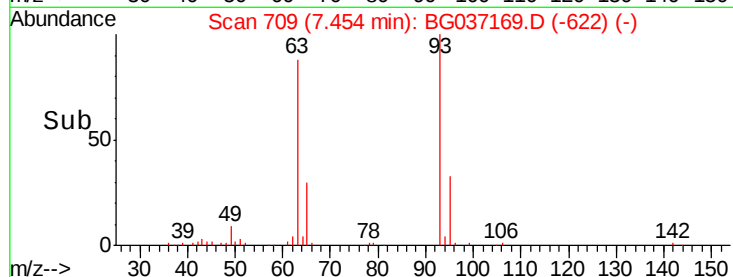
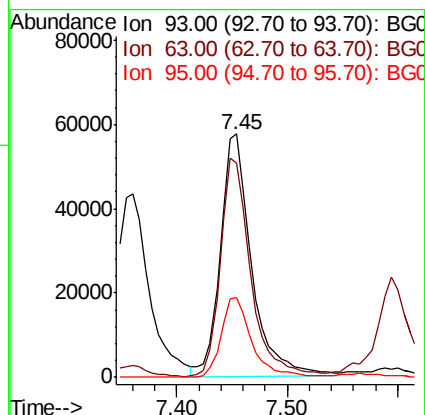
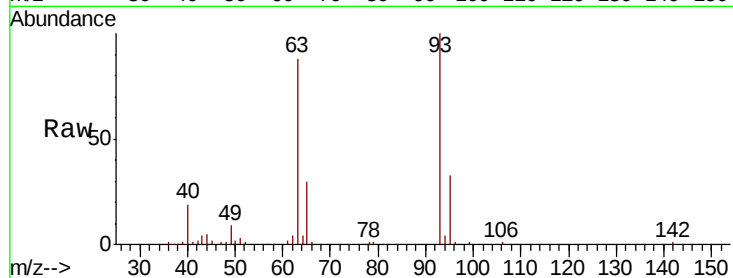




#11
 bis(2-Chloroethyl)ether
 Concen: 39.604 ng
 RT: 7.45 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

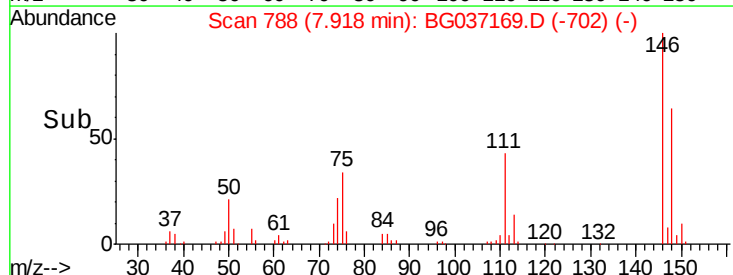
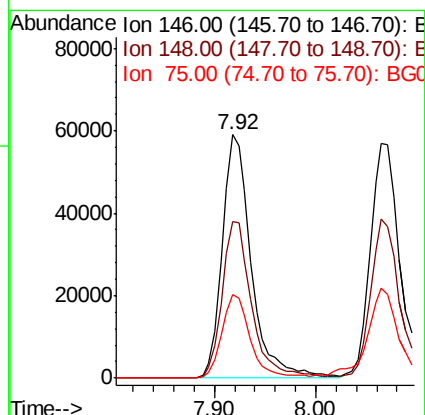
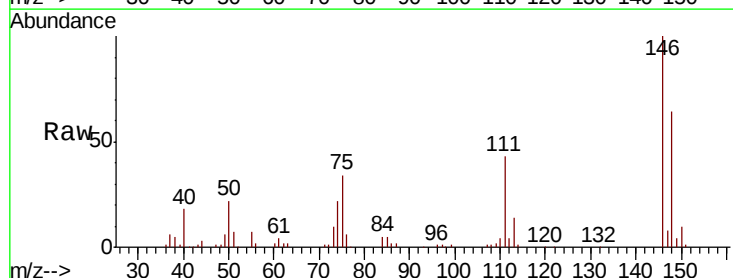
Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

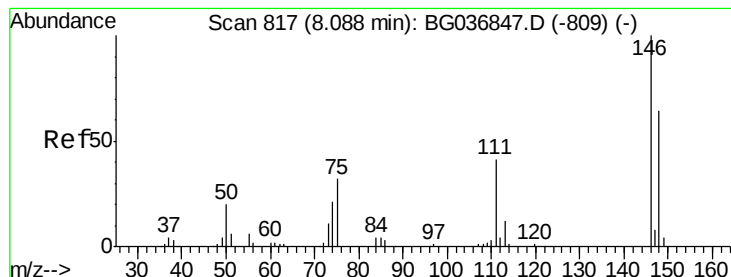
Tgt Ion: 93 Resp: 114328
 Ion Ratio Lower Upper
 93 100
 63 88.0 69.9 109.9
 95 32.7 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 42.226 ng
 RT: 7.92 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion: 146 Resp: 117481
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.8 80.6
 75 34.2 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 41.379 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

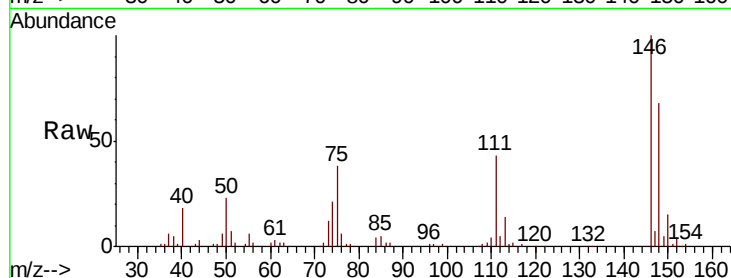
Tgt Ion:146 Resp: 117814

Ion Ratio Lower Upper

146 100

148 67.9 53.9 80.9

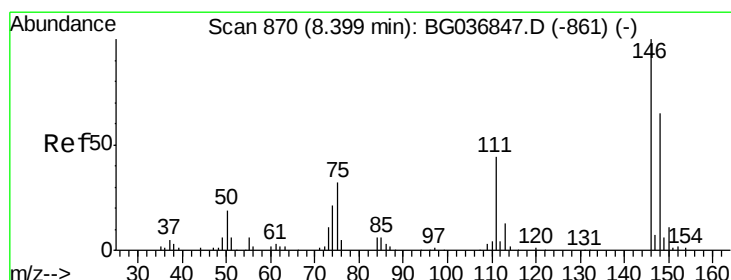
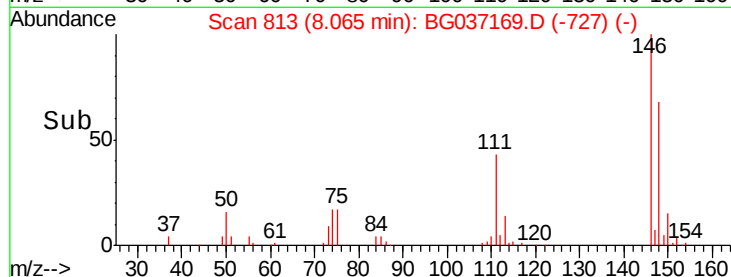
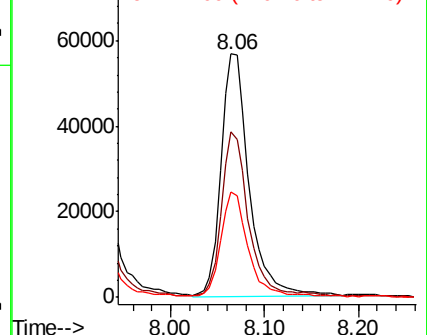
111 43.4 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.631 ng

RT: 8.38 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

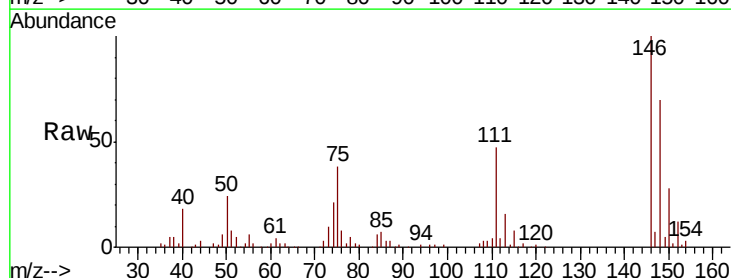
Tgt Ion:146 Resp: 112106

Ion Ratio Lower Upper

146 100

148 69.9 55.0 82.6

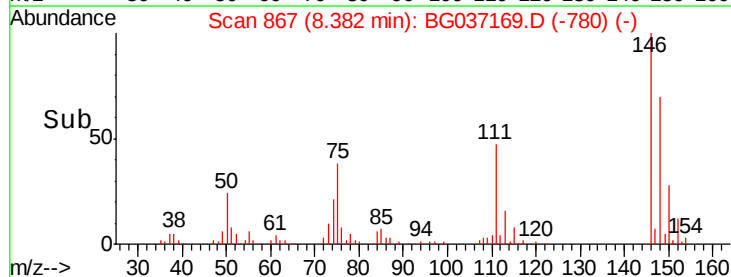
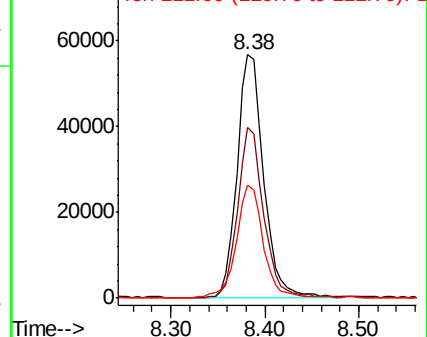
111 46.7 34.6 51.8

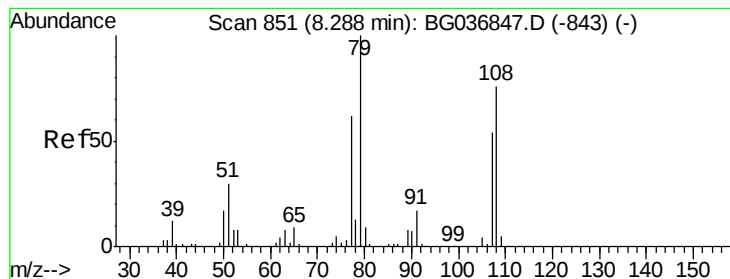


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.689 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

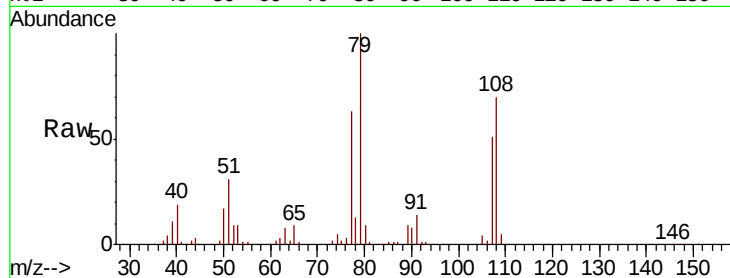
Tgt Ion: 79 Resp: 109648

Ion Ratio Lower Upper

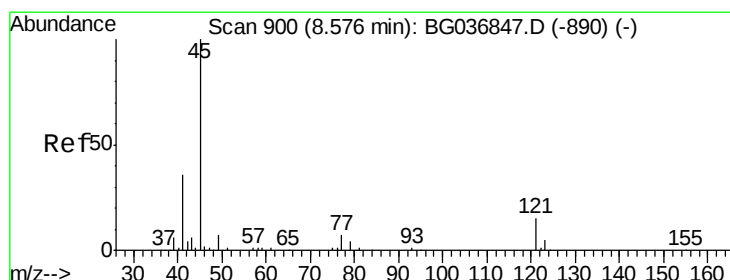
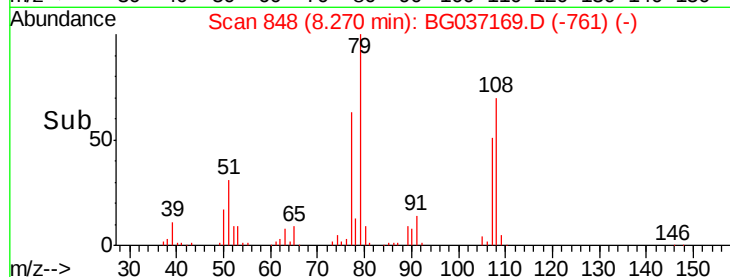
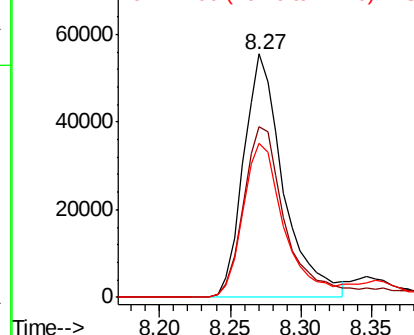
79 100

108 69.9 55.9 83.9

77 63.5 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.699 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

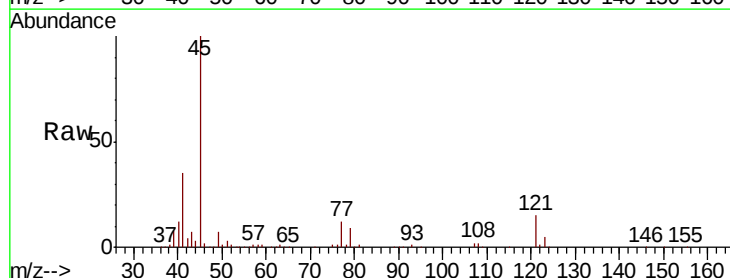
Tgt Ion: 45 Resp: 236644

Ion Ratio Lower Upper

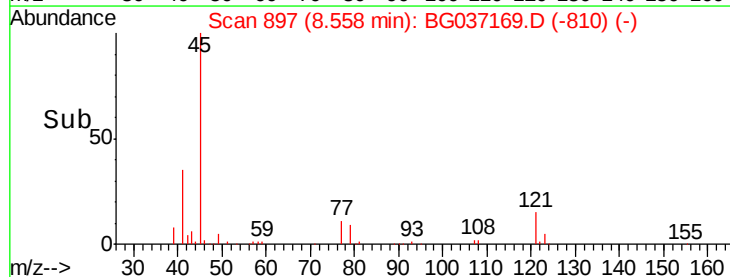
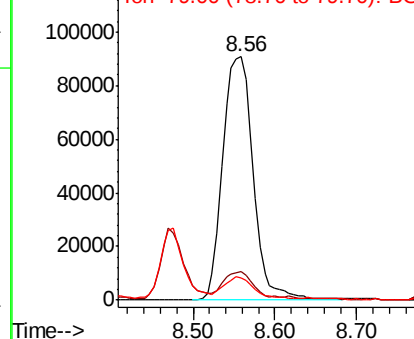
45 100

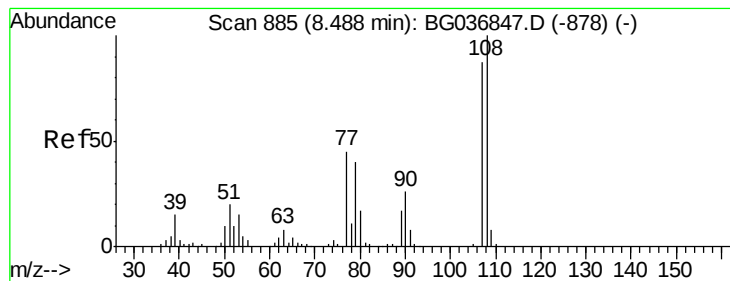
77 11.5 0.0 30.5

79 8.9 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.062 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tgt Ion:107 Resp: 102304

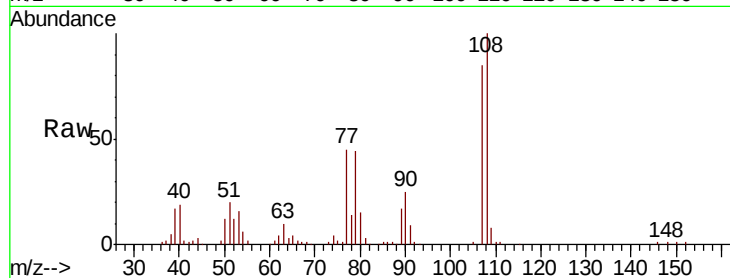
Ion Ratio Lower Upper

107 100

108 117.4 86.7 130.1

77 53.3 39.0 58.4

79 51.5 36.6 54.8

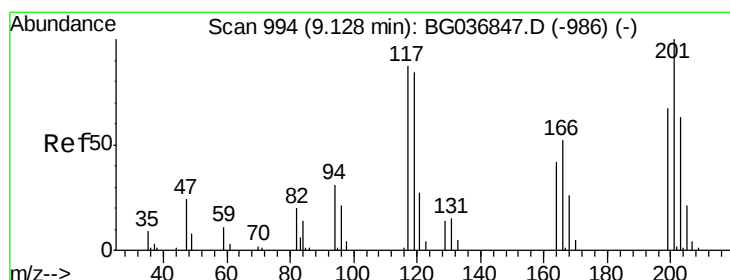
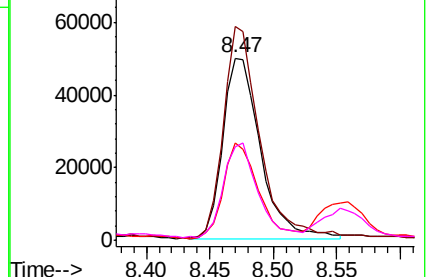
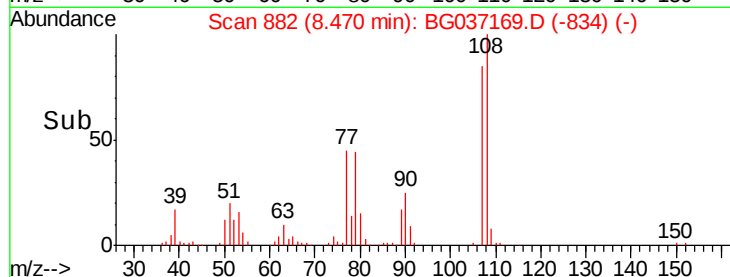


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 43.865 ng

RT: 9.11 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

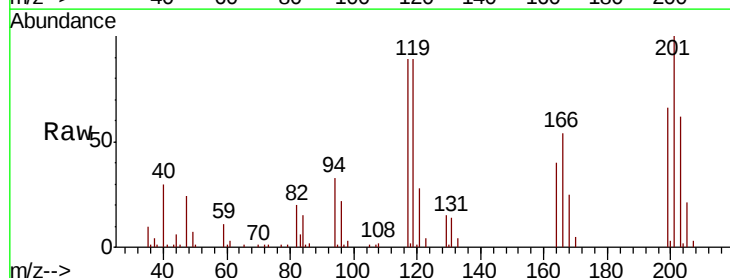
Tgt Ion:117 Resp: 45960

Ion Ratio Lower Upper

117 100

119 99.3 76.8 115.2

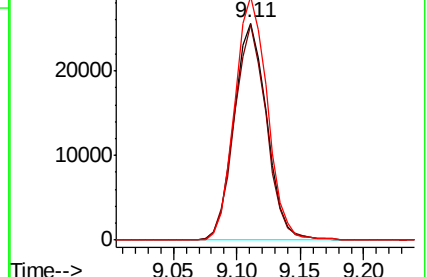
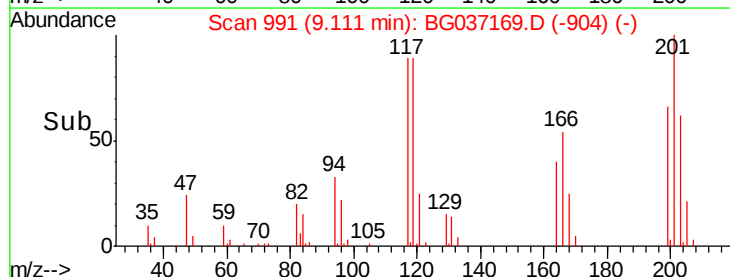
201 112.1 85.7 128.5

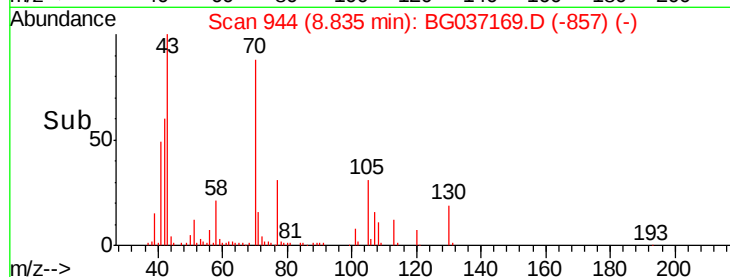
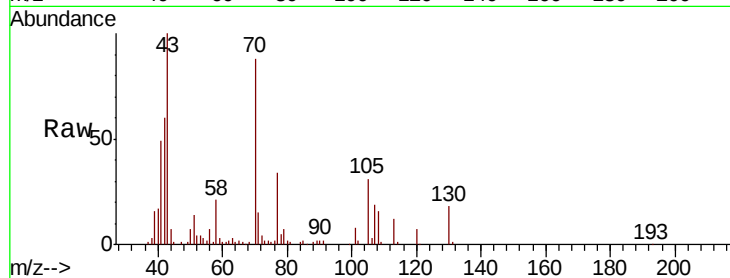
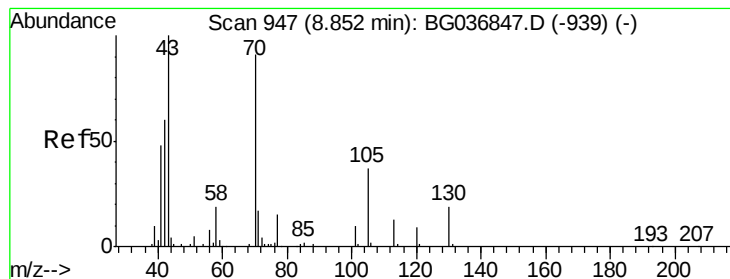


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.137 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tgt Ion: 70 Resp: 100966

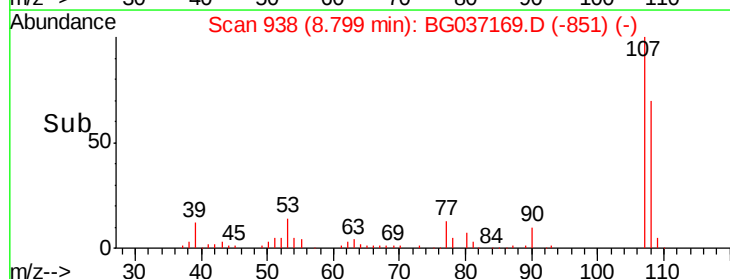
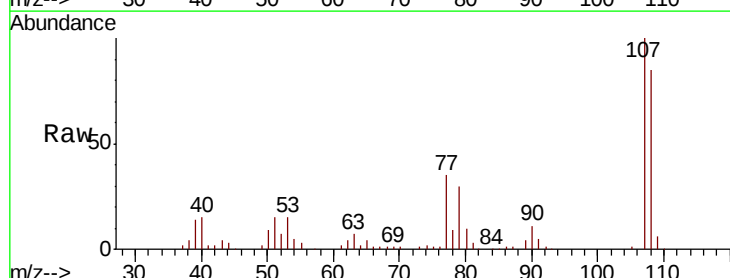
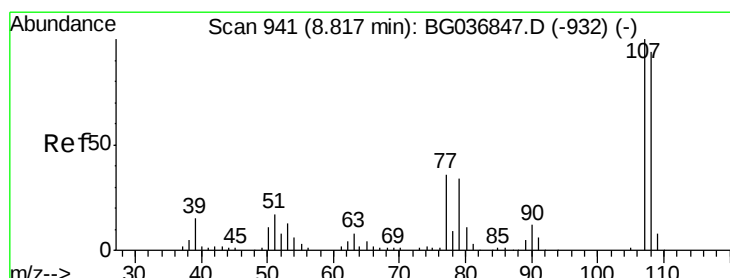
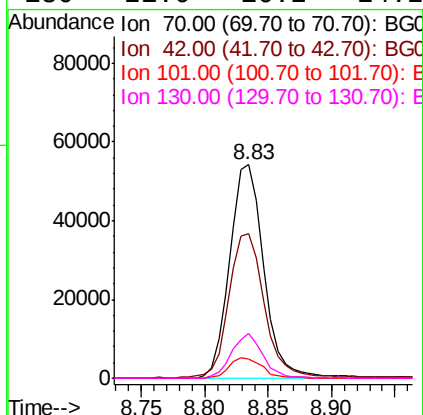
Ion Ratio Lower Upper

70 100

42 68.0 56.2 84.4

101 8.9 7.8 11.6

130 21.0 16.2 24.2



#20

3+4-Methylphenols

Concen: 50.410 ng

RT: 8.80 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Tgt Ion: 107 Resp: 152449

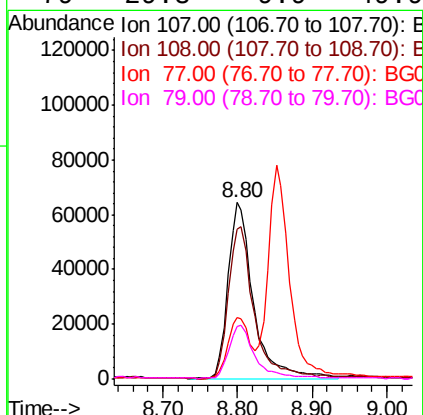
Ion Ratio Lower Upper

107 100

108 84.6 68.0 108.0

77 35.2 15.6 55.6

79 29.8 9.9 49.9

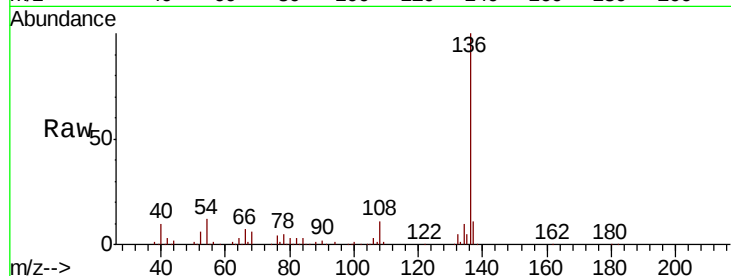




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tgt Ion:	136	Resp:	161143
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	12.1	9.2	13.8
68	6.0	5.8	8.6



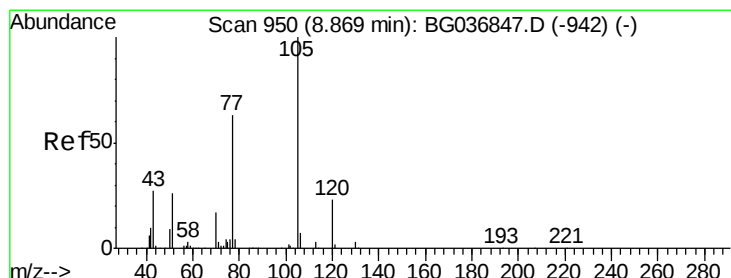
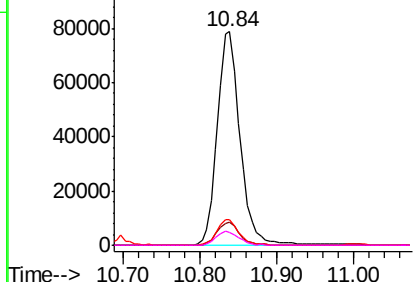
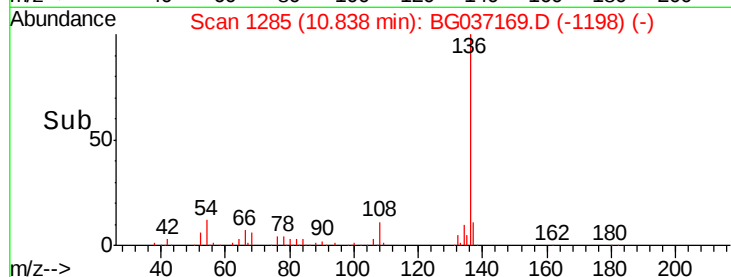
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

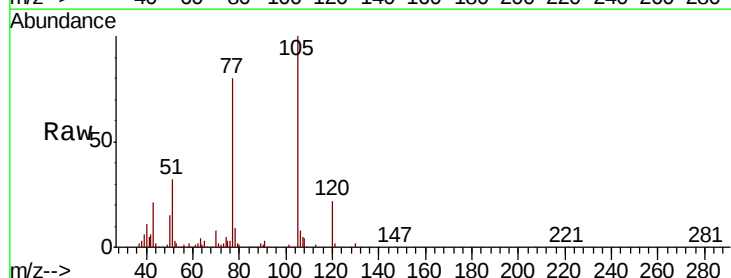
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 47.236 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion:	105	Resp:	178873
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.4	3.6#
51	32.2	25.9	38.9
120	22.1	19.4	29.0



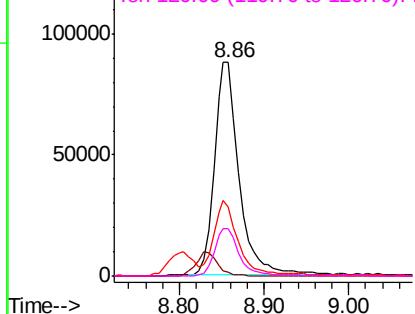
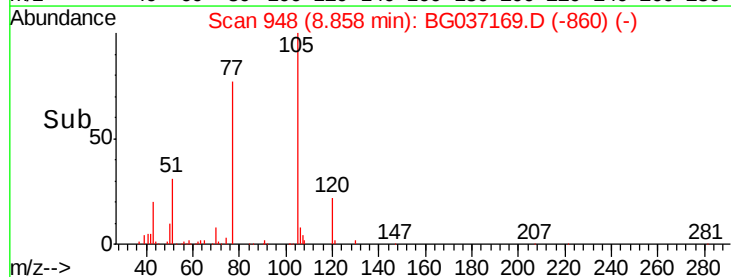
Abundance

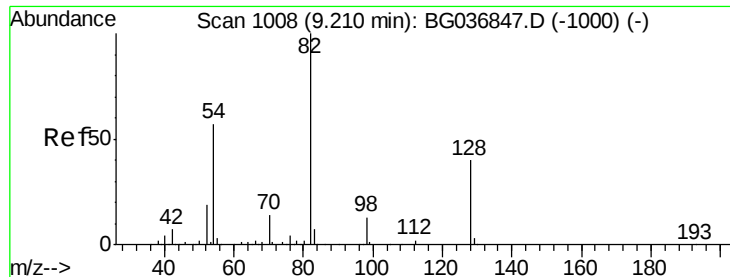
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

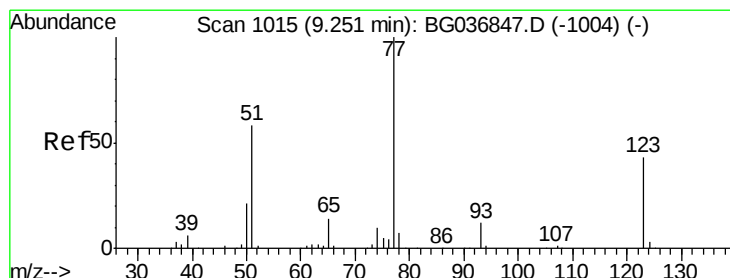
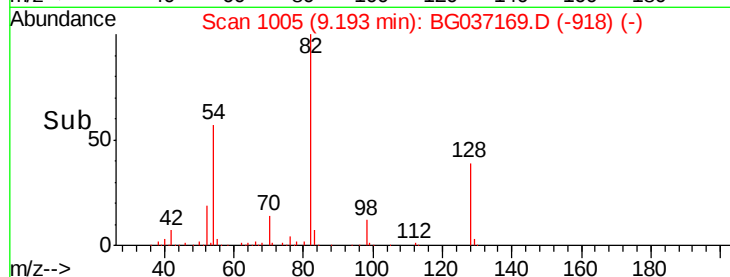
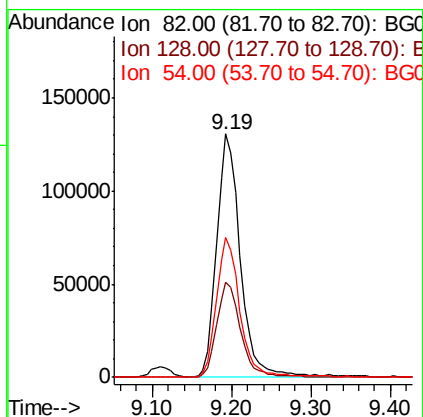
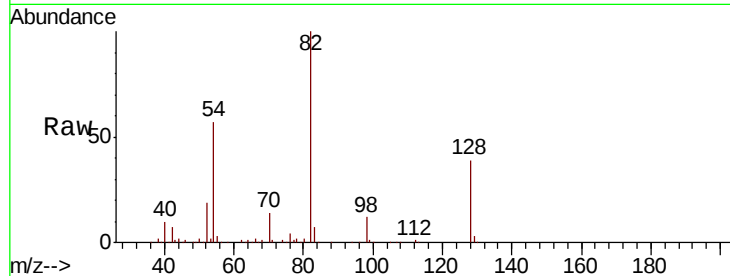




#23
Nitrobenzene-d5
Concen: 89.845 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

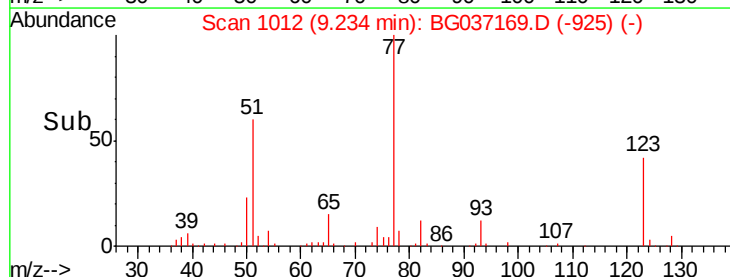
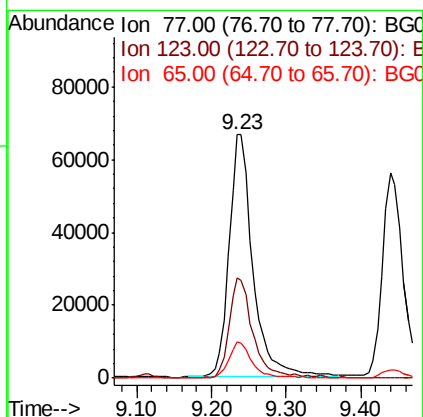
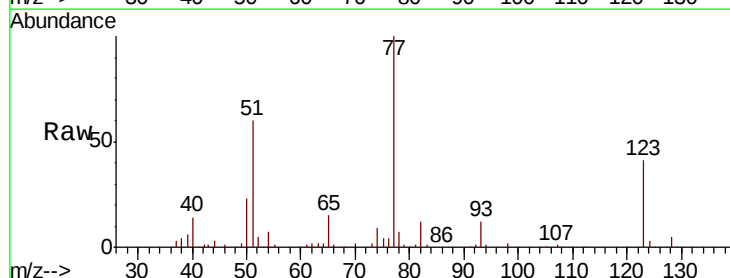
Instrument :
BNA_G
ClientSampleId :
PB113496BSD

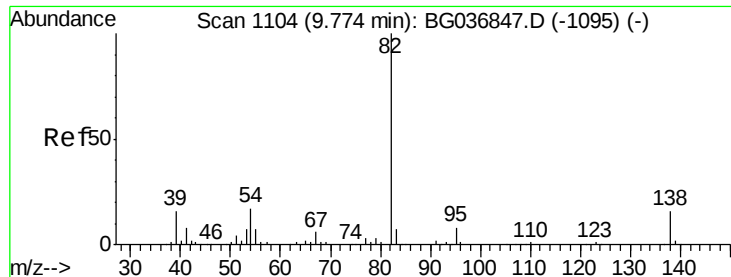
Tgt Ion: 82 Resp: 270357
Ion Ratio Lower Upper
82 100
128 39.1 33.3 49.9
54 57.3 45.1 67.7



#24
Nitrobenzene
Concen: 46.342 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion: 77 Resp: 148919
Ion Ratio Lower Upper
77 100
123 41.4 32.4 48.6
65 15.0 11.5 17.3

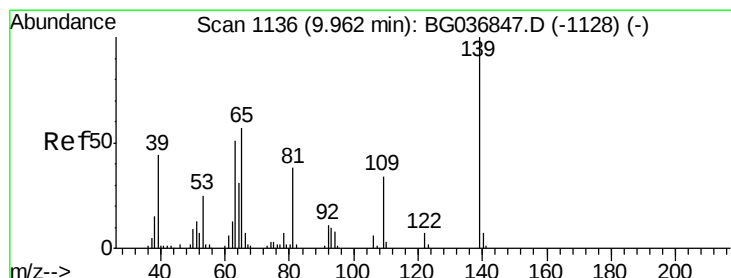
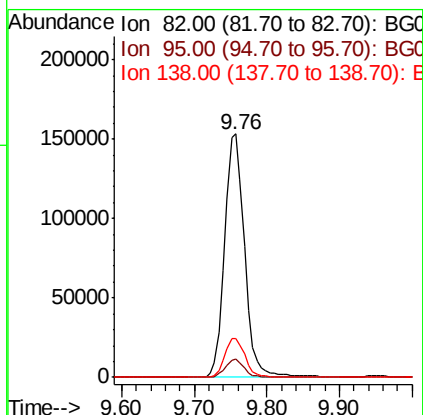
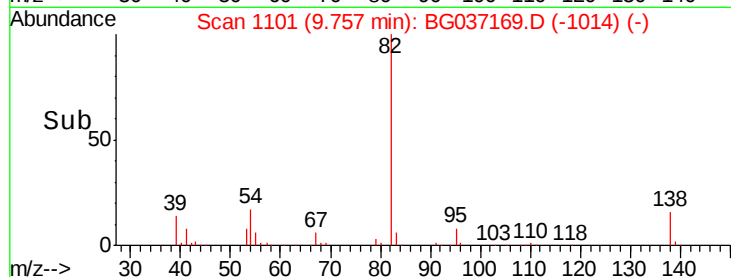
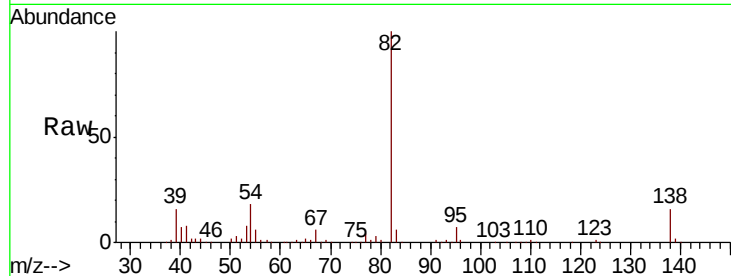




#25
Isophorone
Concen: 53.360 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

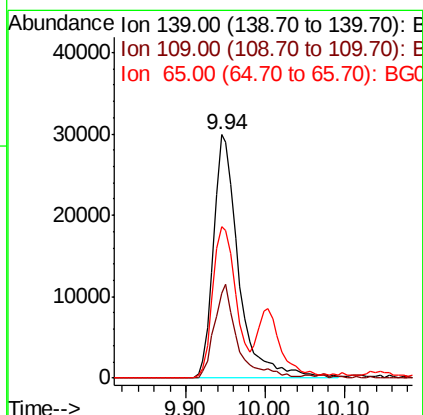
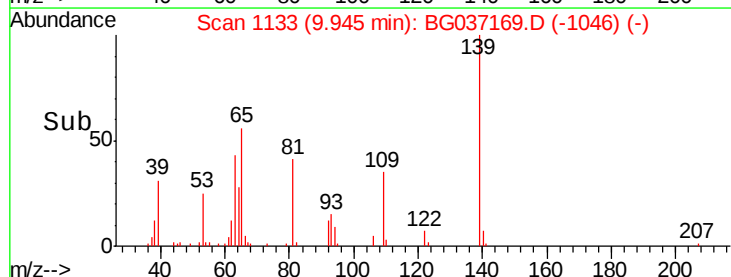
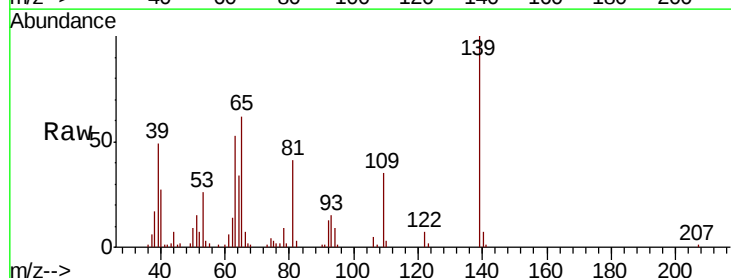
Instrument :
BNA_G
ClientSampleId :
PB113496BSD

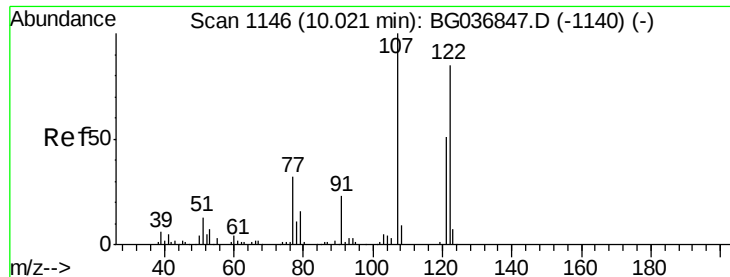
Tgt Ion: 82 Resp: 293395
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 15.9 12.9 19.3



#26
2-Nitrophenol
Concen: 51.663 ng
RT: 9.94 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion: 139 Resp: 66174
Ion Ratio Lower Upper
139 100
109 34.6 27.4 41.0
65 62.5 47.8 71.6

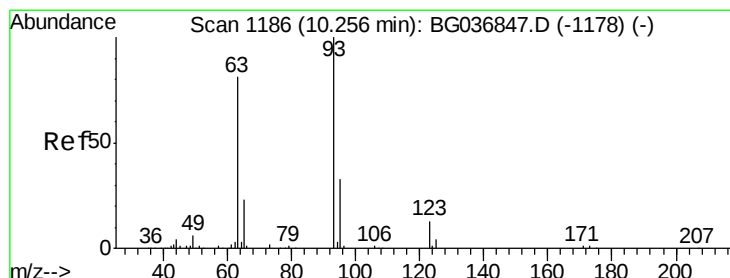
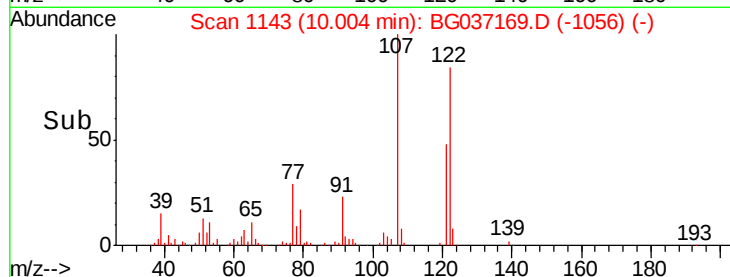
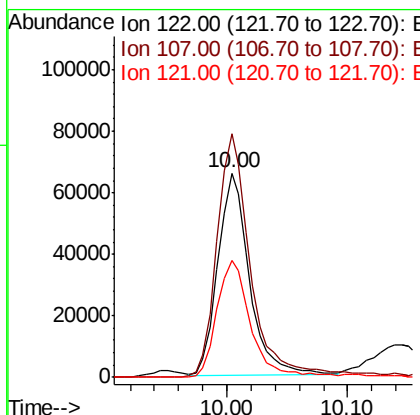
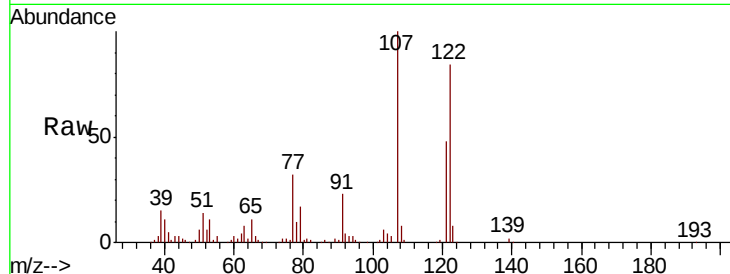




#27
2,4-Dimethylphenol
Concen: 59.775 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

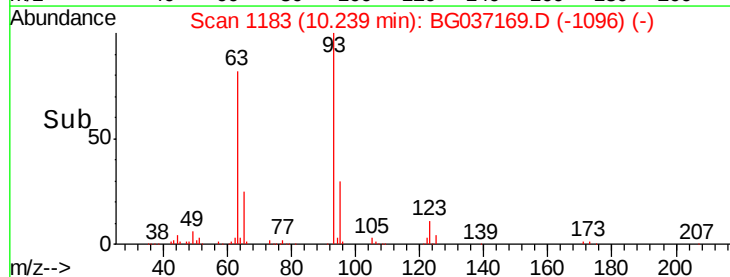
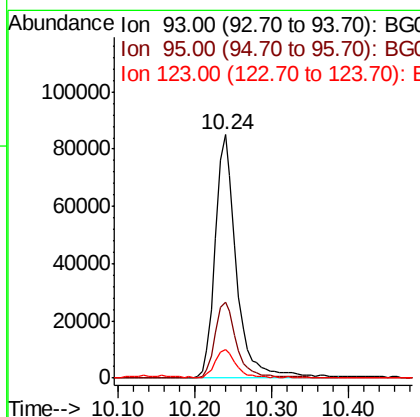
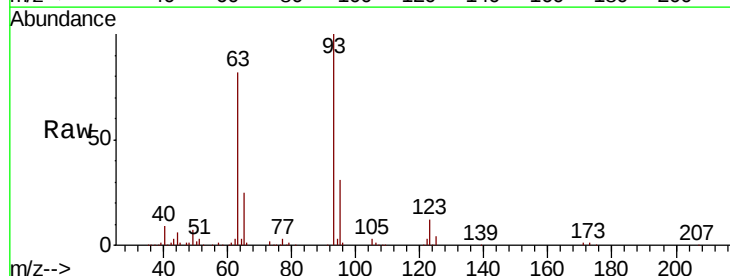
Instrument :
BNA_G
ClientSampleId :
PB113496BSD

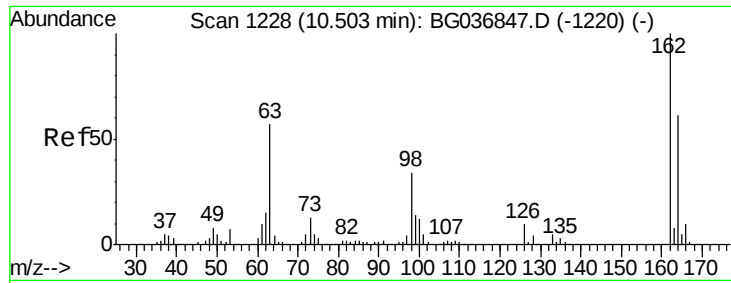
Tgt Ion:122 Resp: 119265
Ion Ratio Lower Upper
122 100
107 119.3 96.0 144.0
121 57.4 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 47.754 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion: 93 Resp: 162017
Ion Ratio Lower Upper
93 100
95 31.2 25.2 37.8
123 11.6 8.6 12.8

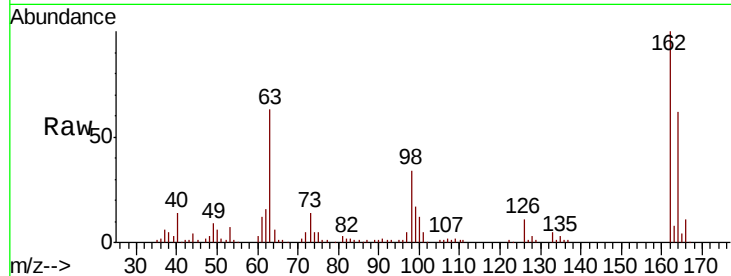




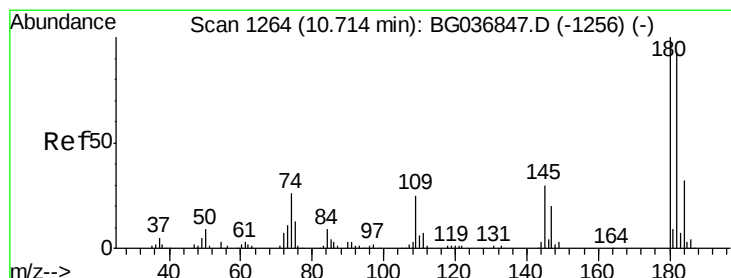
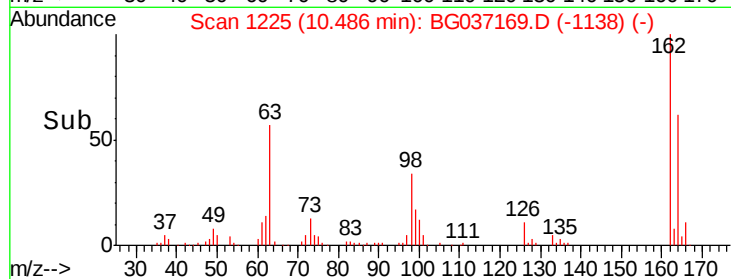
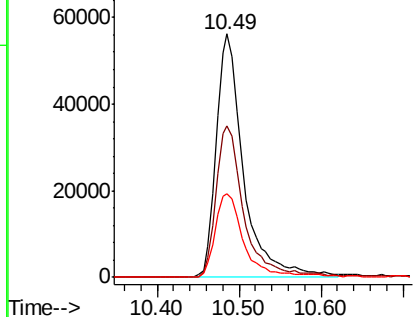
#29
 2,4-Dichlorophenol
 Concen: 56.339 ng
 RT: 10.49 min Scan# 1225
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.4	47.6	87.6
98	34.4	19.2	59.2

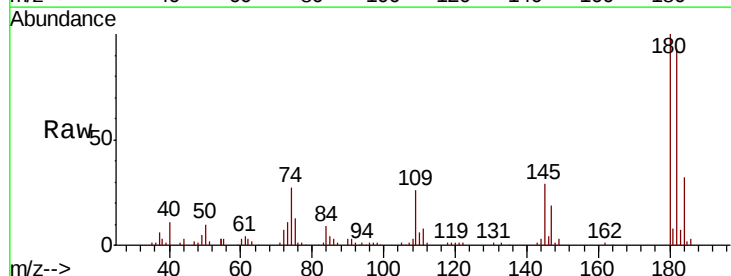


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

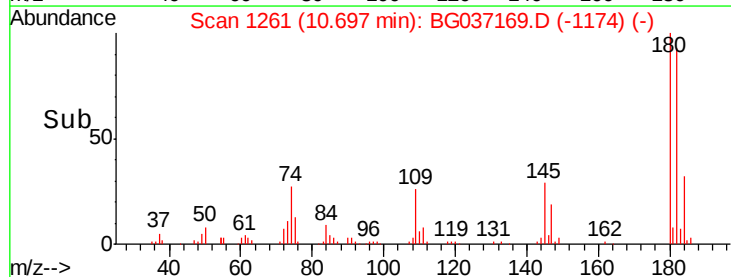
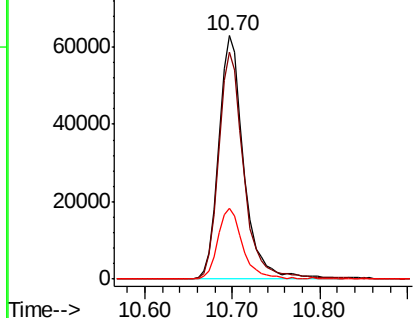


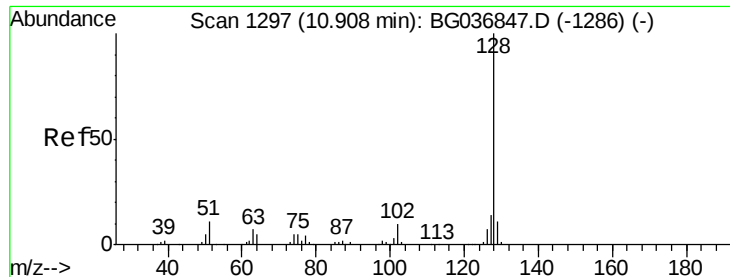
#30
 1,2,4-Trichlorobenzene
 Concen: 42.947 ng
 RT: 10.70 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.0	114.0
145	29.3	22.9	34.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

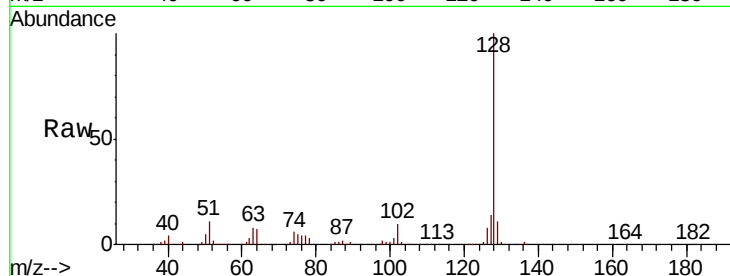




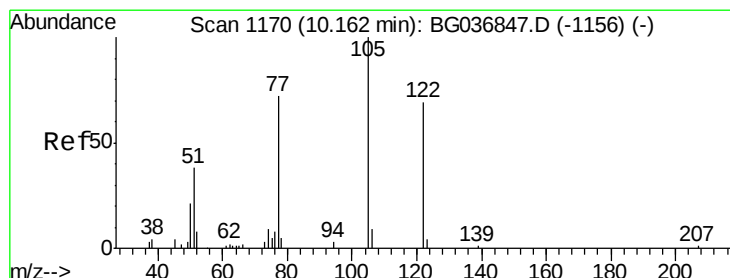
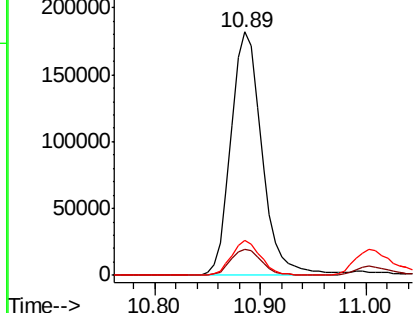
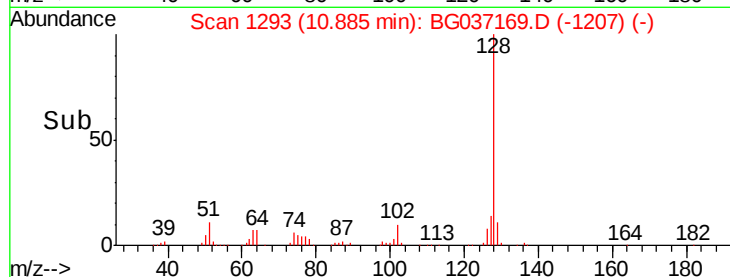
#31
Naphthalene
Concen: 48.336 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tgt Ion:128 Resp: 370609
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 14.3 11.0 16.4

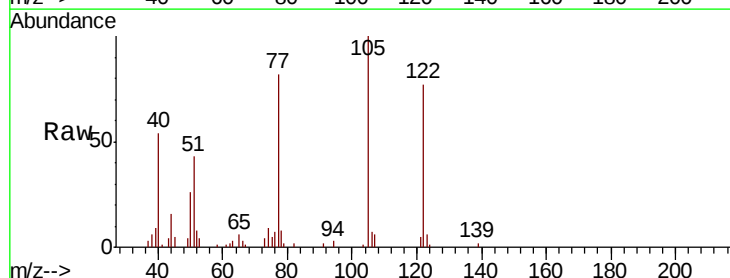


Abundance Ion 128.00 (127.70 to 128.70): E
250000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

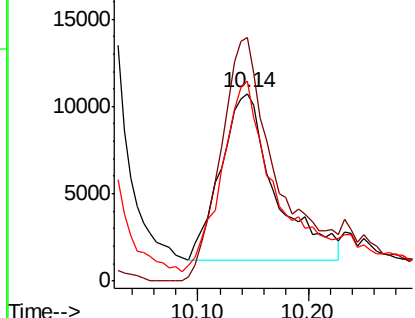
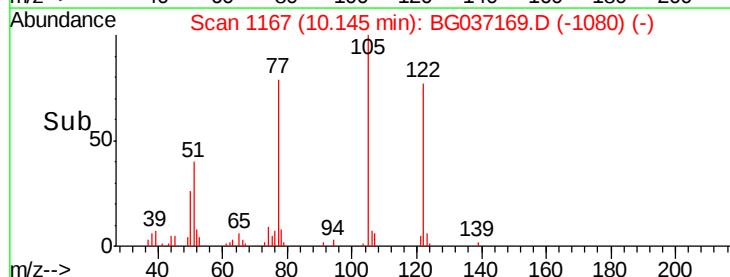


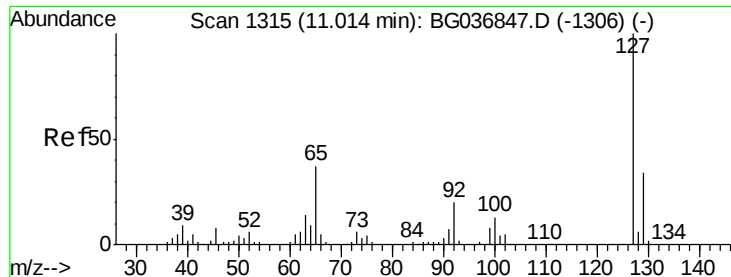
#32
Benzoic acid
Concen: 24.576 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion:122 Resp: 32630
Ion Ratio Lower Upper
122 100
105 130.0 108.1 148.1
77 106.7 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

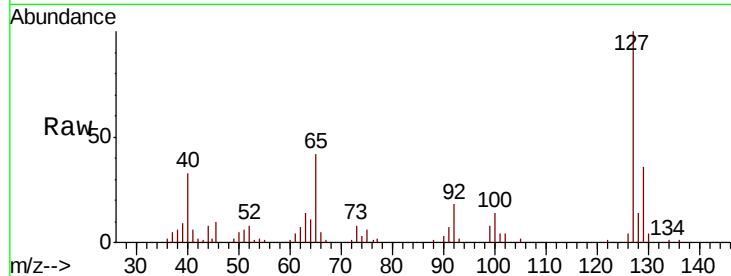




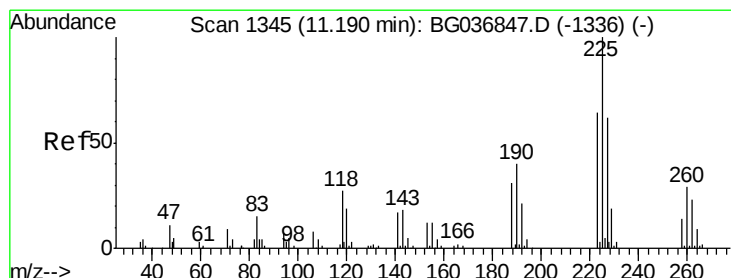
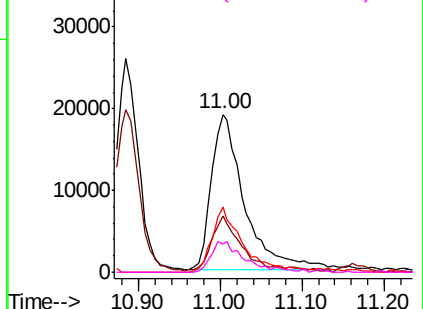
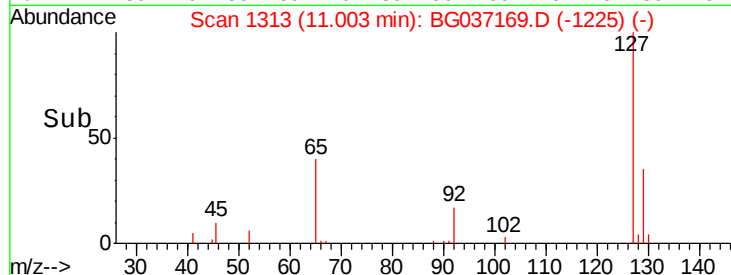
#33
4-Chloroaniline
Concen: 15.430 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tgt Ion:127 Resp: 53791
Ion Ratio Lower Upper
127 100
129 36.1 25.9 38.9
65 41.7 27.5 41.3#
92 18.1 16.2 24.2

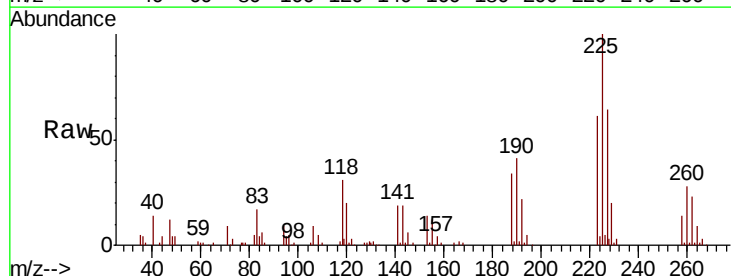


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

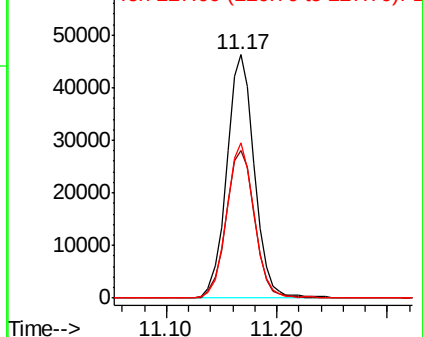
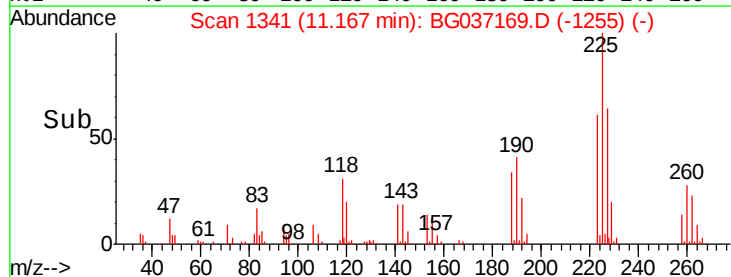


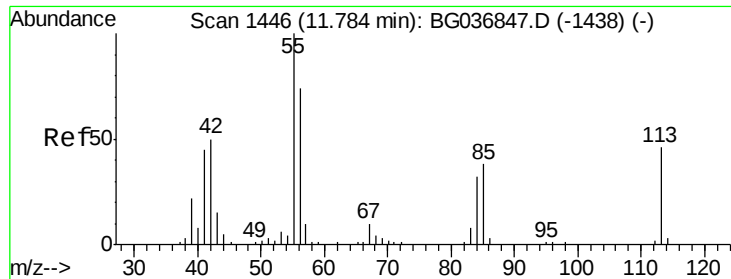
#34
Hexachlorobutadiene
Concen: 40.413 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion:225 Resp: 80894
Ion Ratio Lower Upper
225 100
223 60.7 51.8 77.8
227 63.8 49.8 74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

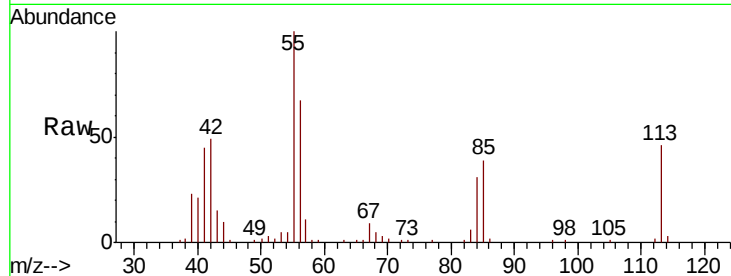




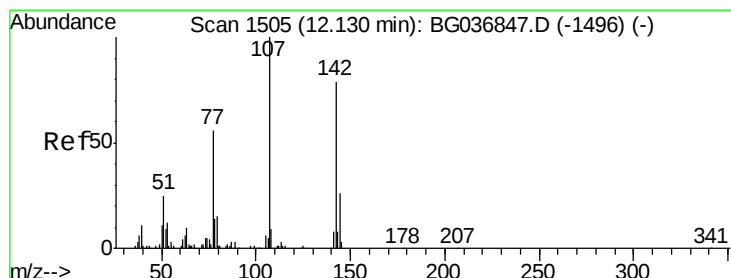
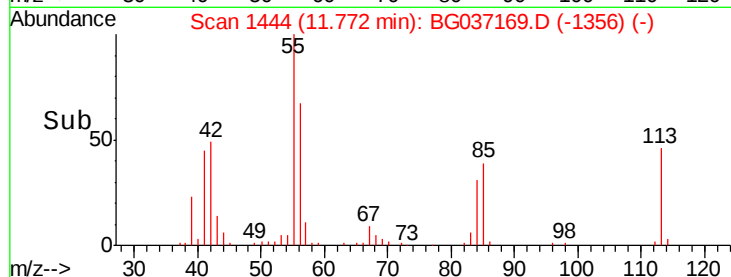
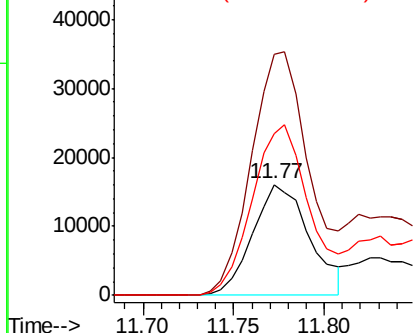
#35
 Caprolactam
 Concen: 36.783 ng
 RT: 11.77 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tgt Ion:113 Resp: 35016
 Ion Ratio Lower Upper
 113 100
 55 217.4 197.7 237.7
 56 146.6 131.7 171.7

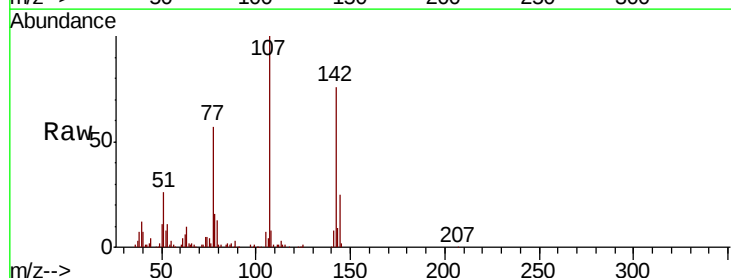


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

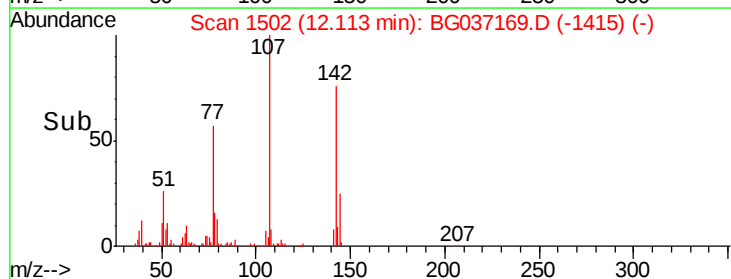
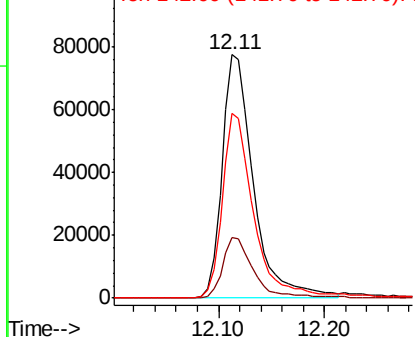


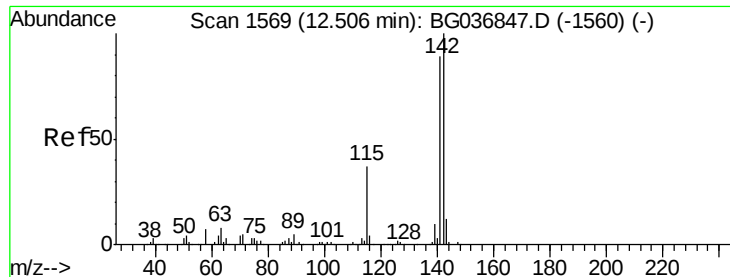
#36
 4-Chloro-3-methylphenol
 Concen: 57.717 ng
 RT: 12.11 min Scan# 1502
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion:107 Resp: 159287
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.5 29.3
 142 75.9 62.4 93.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

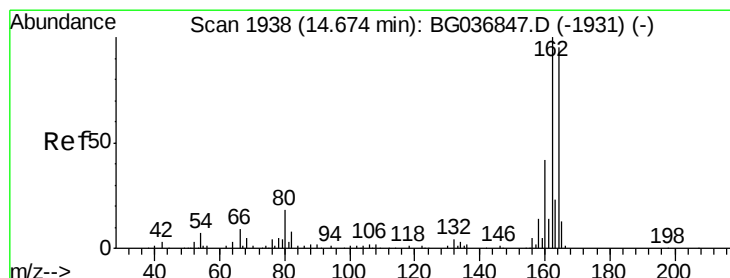
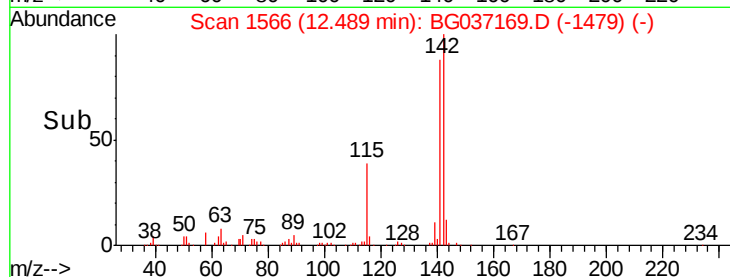
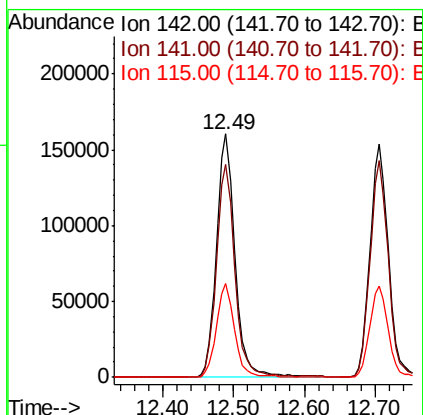
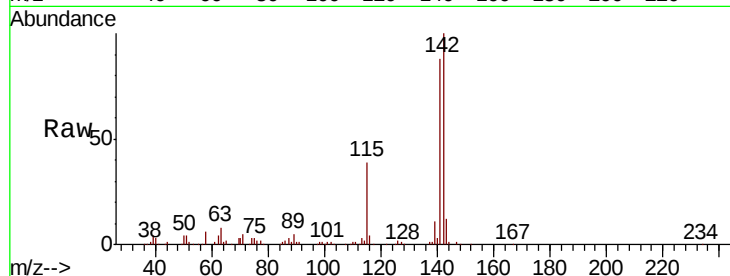




#37
 2-Methylnaphthalene
 Concen: 50.309 ng
 RT: 12.49 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

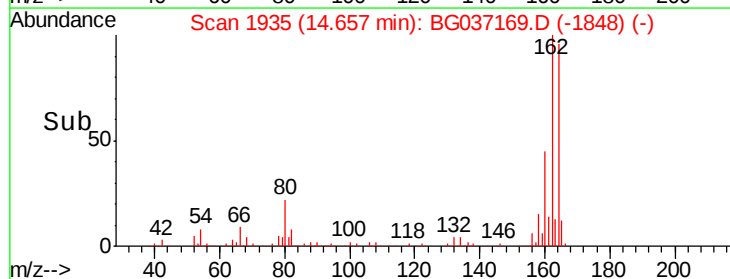
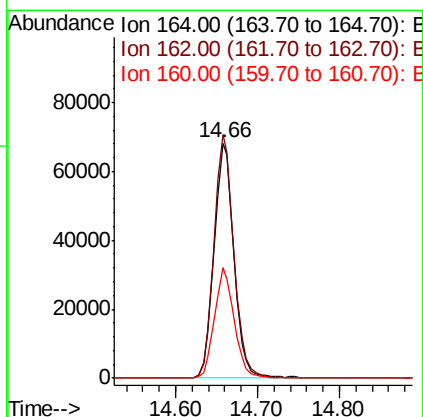
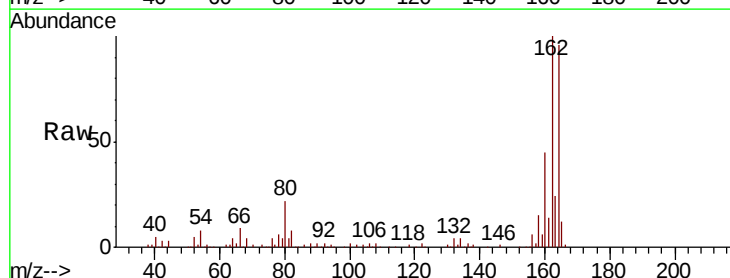
Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

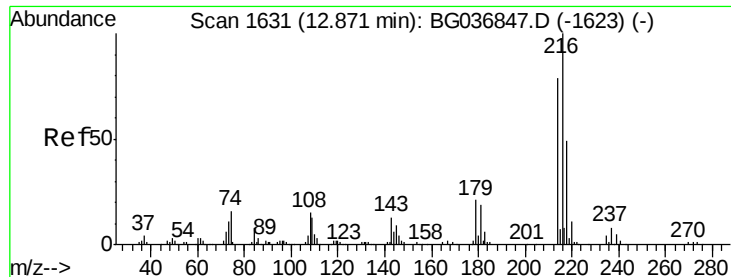
Tgt Ion:142 Resp: 293784
 Ion Ratio Lower Upper
 142 100
 141 87.5 68.5 102.7
 115 38.6 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion:164 Resp: 115235
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.7 121.1
 160 47.0 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.078 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tgt Ion:216 Resp: 161079

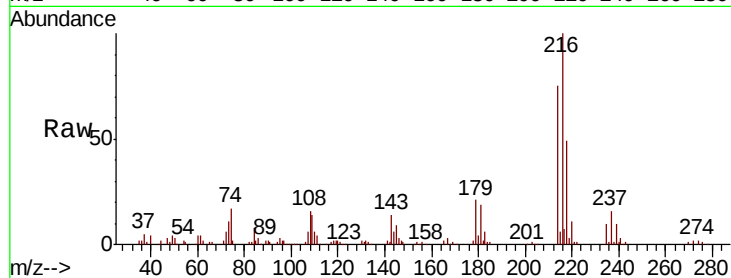
Ion Ratio Lower Upper

216 100

214 76.2 61.0 91.6

179 20.1 15.7 23.5

108 18.8 13.1 19.7

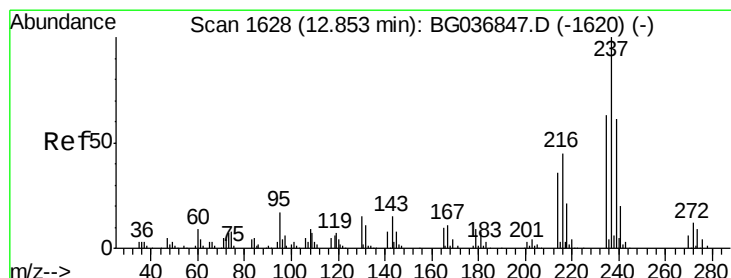
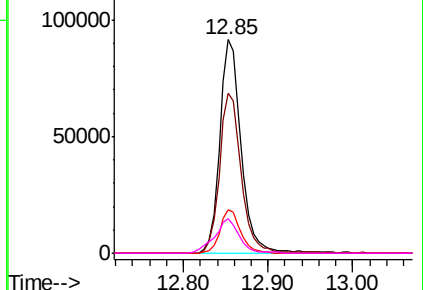
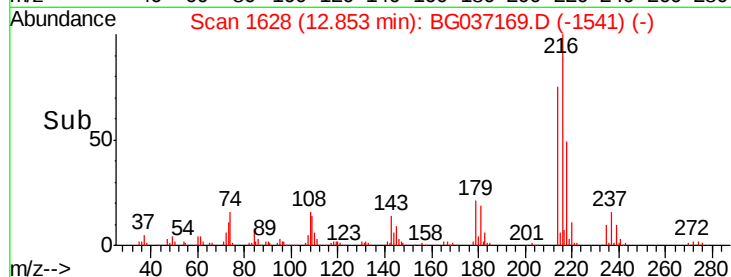


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.725 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

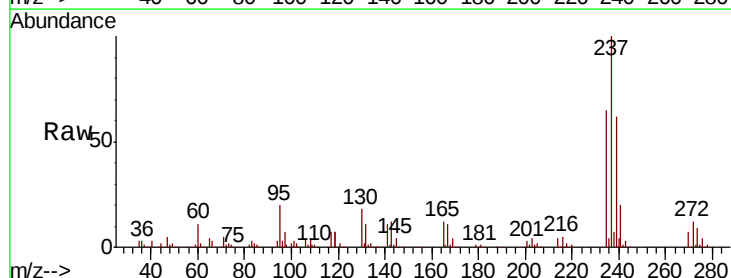
Tgt Ion:237 Resp: 187536

Ion Ratio Lower Upper

237 100

235 64.6 42.2 82.2

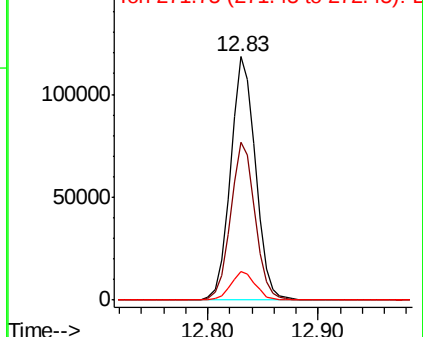
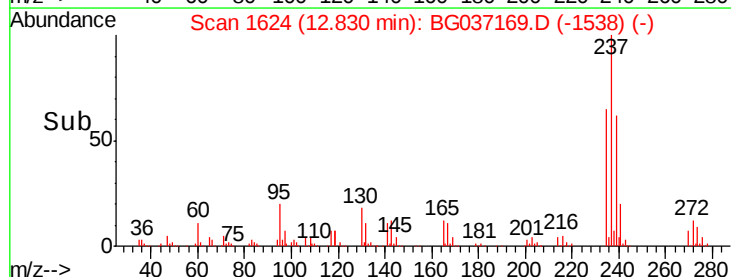
272 11.9 0.0 32.1

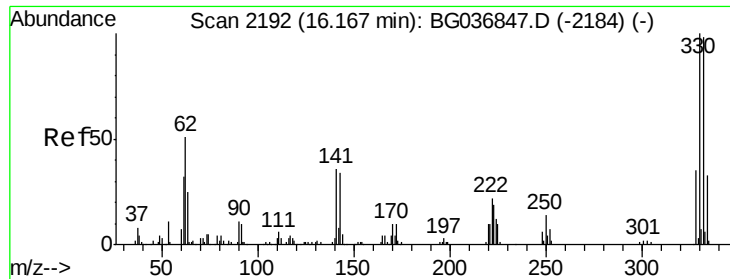


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

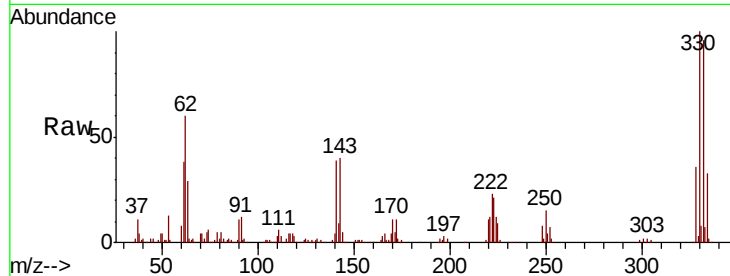




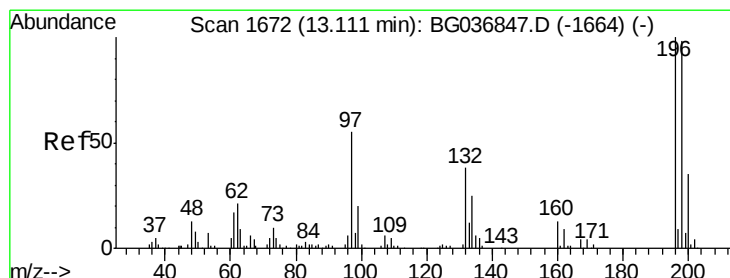
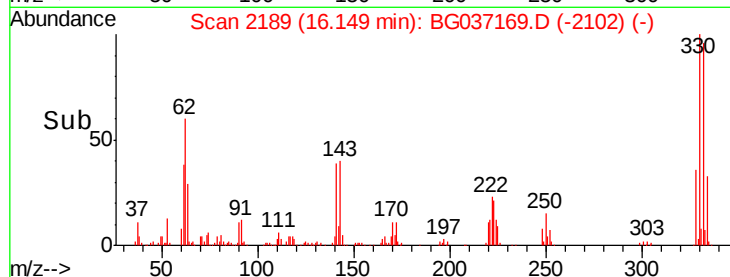
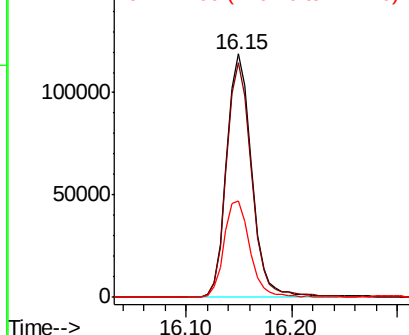
#41
 2,4,6-Tribromophenol
 Concen: 142.329 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tgt Ion:330 Resp: 196231
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.4 113.2
 141 41.0 30.7 46.1

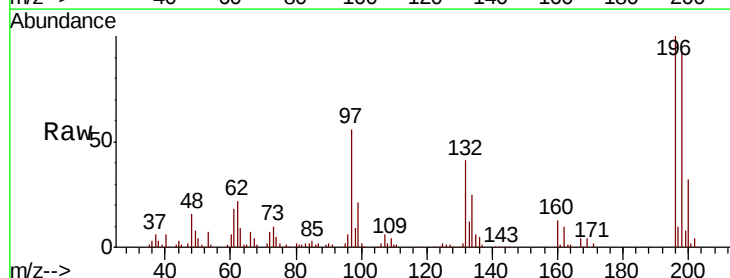


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

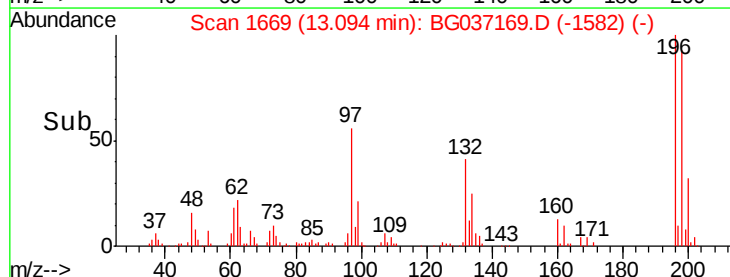
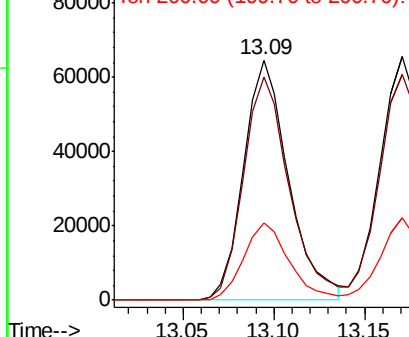


#42
 2,4,6-Trichlorophenol
 Concen: 50.032 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion:196 Resp: 111664
 Ion Ratio Lower Upper
 196 100
 198 92.8 77.2 115.8
 200 32.3 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

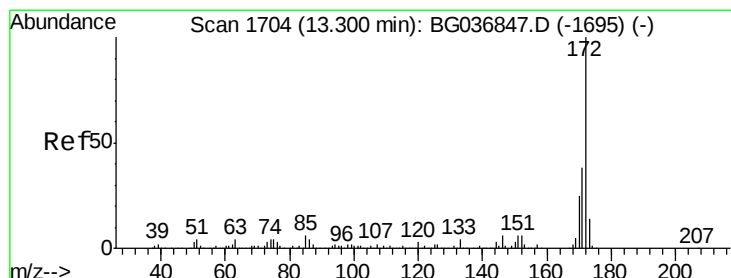
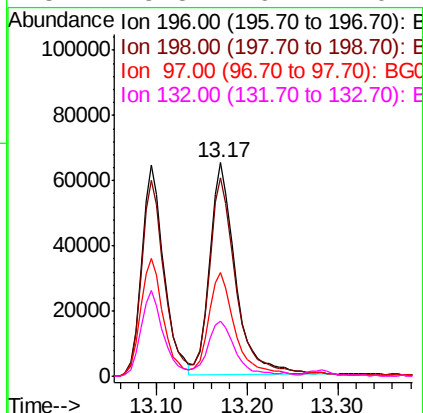
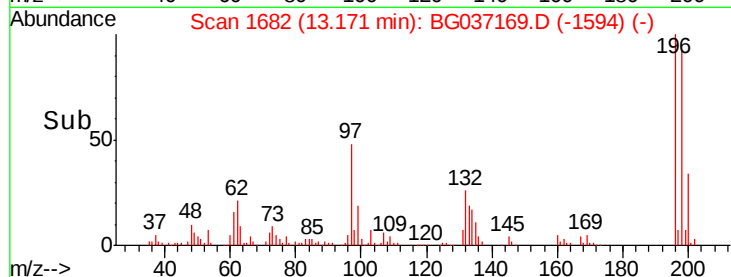
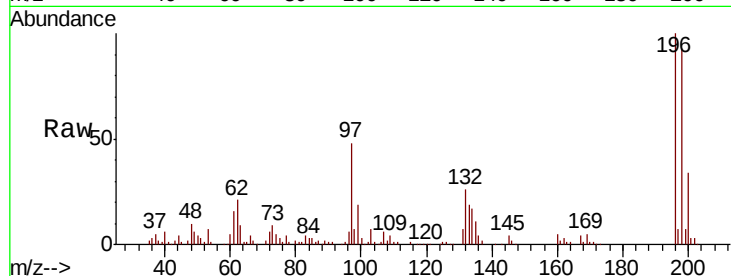




#43
 2,4,5-Trichlorophenol
 Concen: 54.583 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

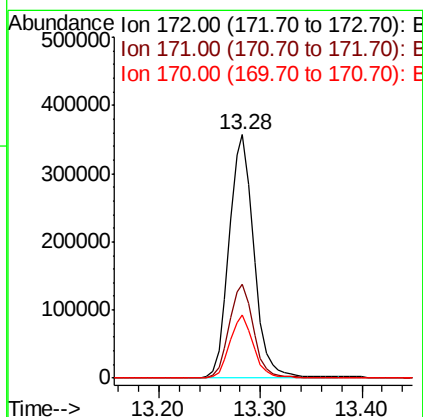
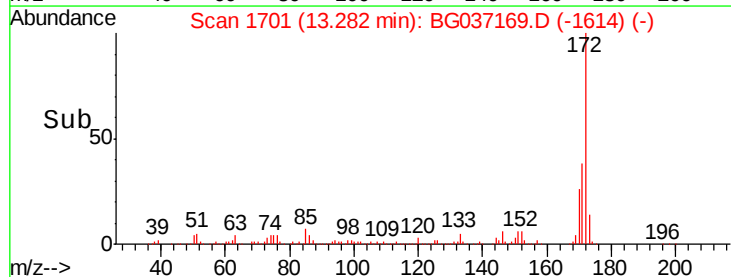
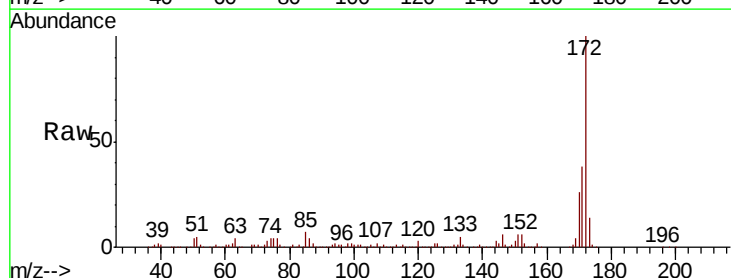
Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

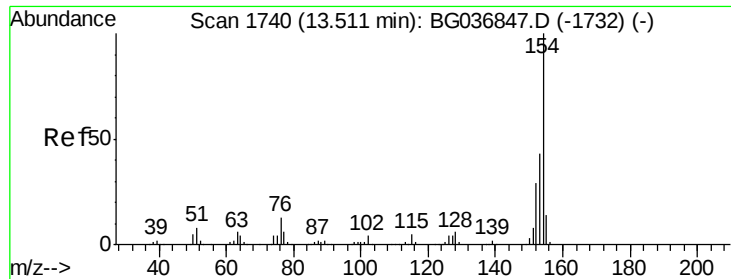
Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.6	113.4
97	48.4	37.2	55.8
132	25.8	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 78.613 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.9	21.0	31.6

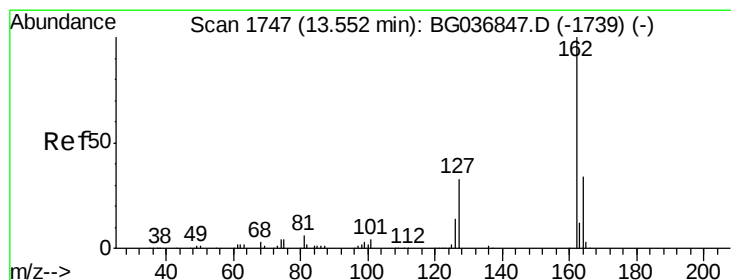
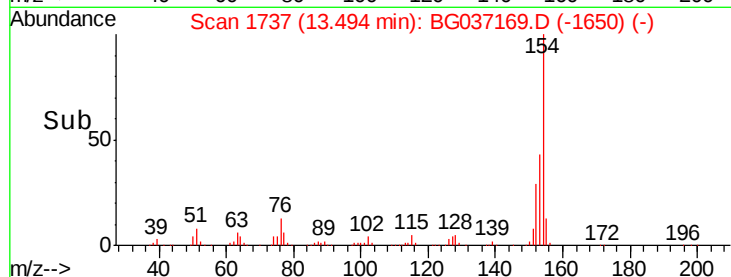
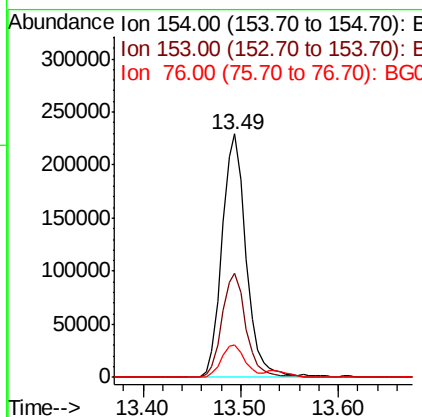
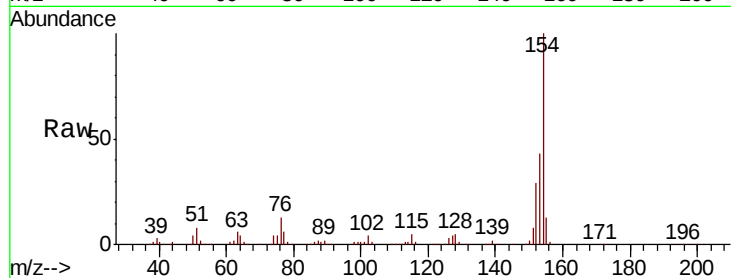




#45
 1,1'-Biphenyl
 Concen: 44.553 ng
 RT: 13.49 min Scan# 1737
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

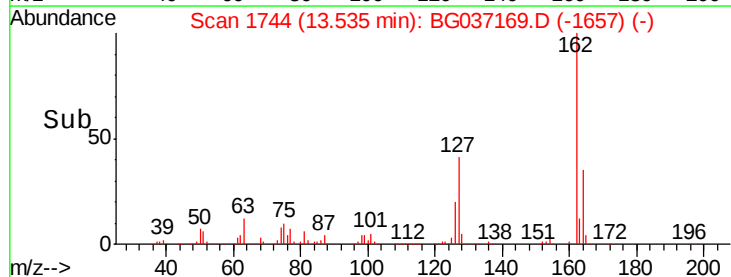
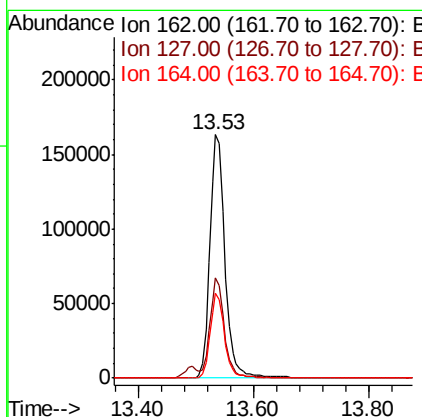
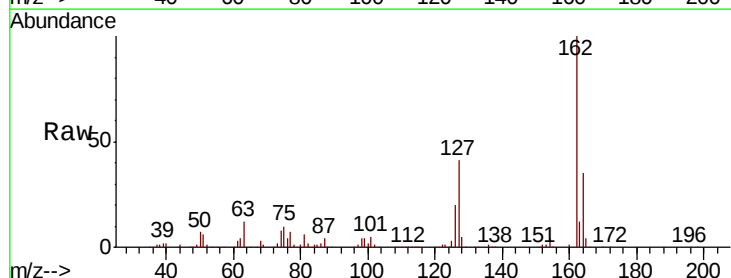
Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

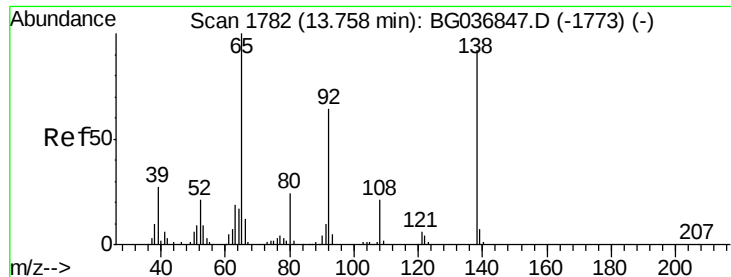
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	24.0	64.0
76	13.5	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 43.177 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.7	46.1
164	34.8	26.7	40.1





#47

2-Nitroaniline

Concen: 54.876 ng

RT: 13.74 min Scan# 1779

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

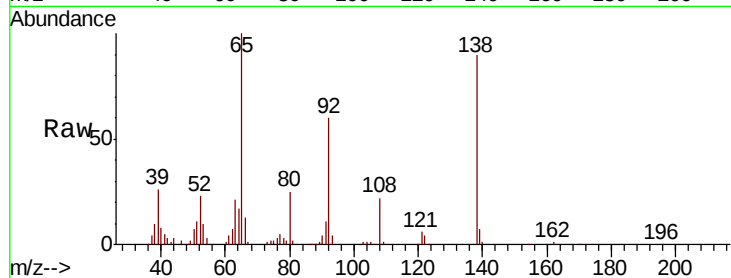
Tgt Ion: 65 Resp: 131734

Ion Ratio Lower Upper

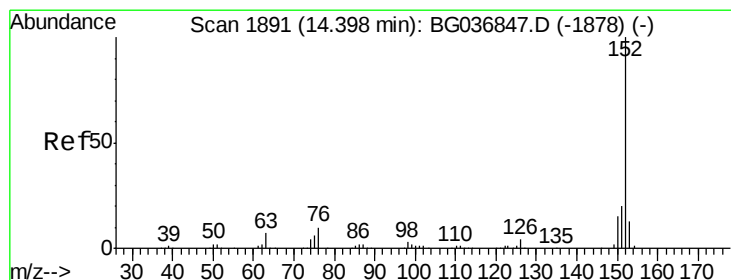
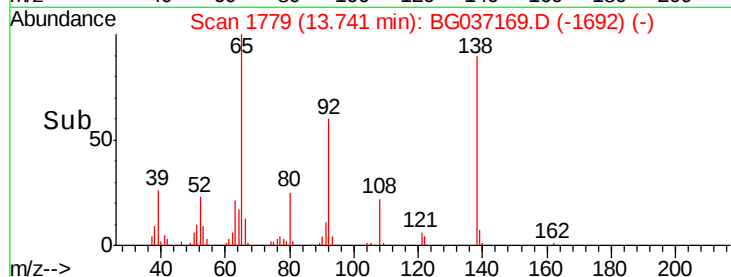
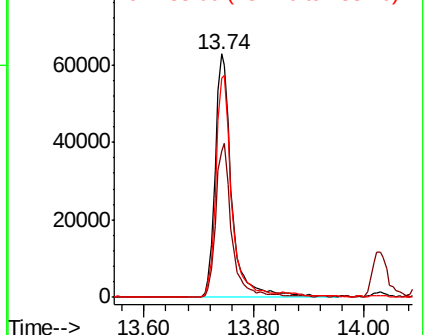
65 100

92 59.9 49.9 74.9

138 90.3 76.2 114.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 49.282 ng

RT: 14.38 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

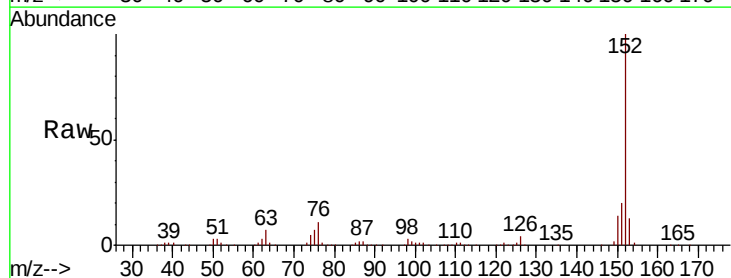
Tgt Ion: 152 Resp: 535980

Ion Ratio Lower Upper

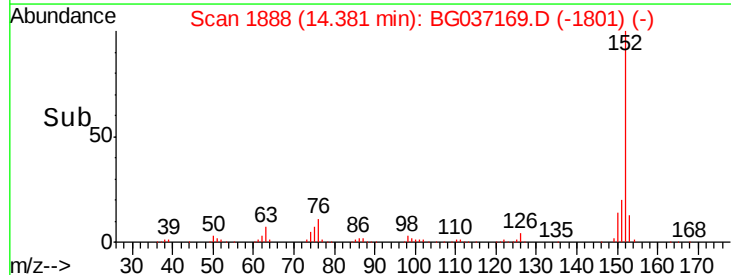
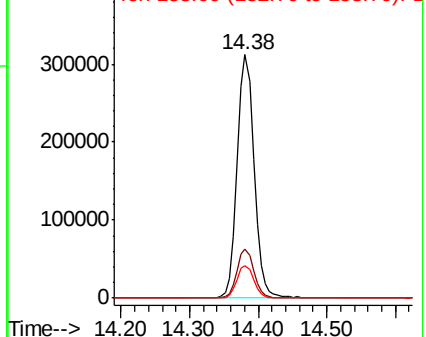
152 100

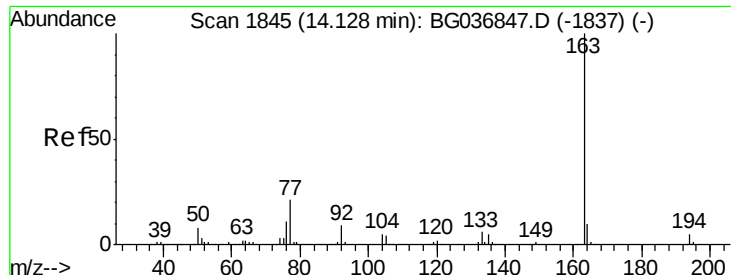
151 20.1 16.9 25.3

153 13.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 48.096 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

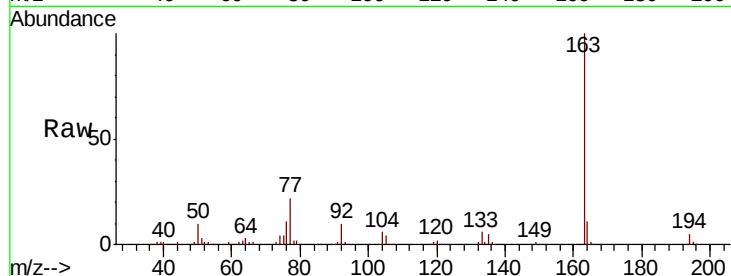
Tgt Ion:163 Resp: 446118

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

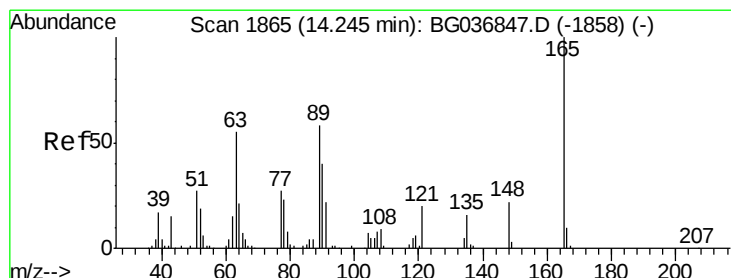
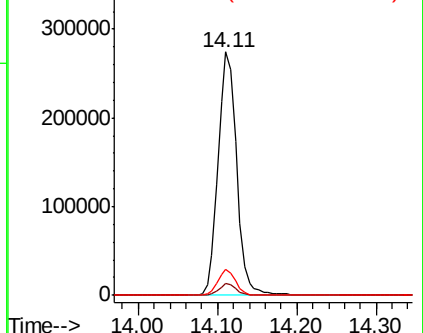
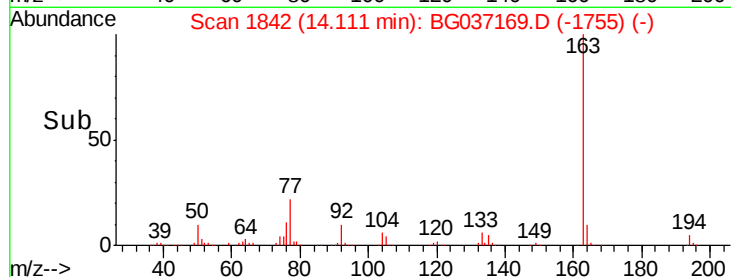
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.737 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

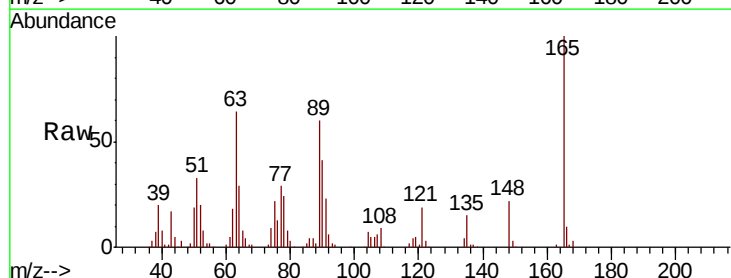
Tgt Ion:165 Resp: 100657

Ion Ratio Lower Upper

165 100

63 63.7 50.1 75.1

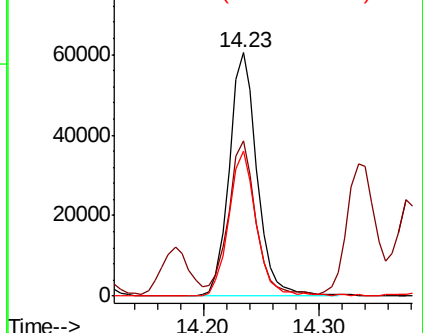
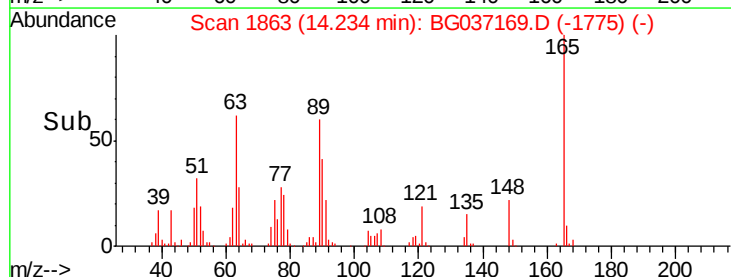
89 59.7 47.8 71.6

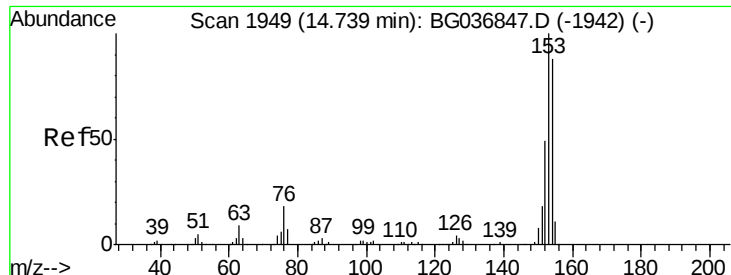


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.221 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

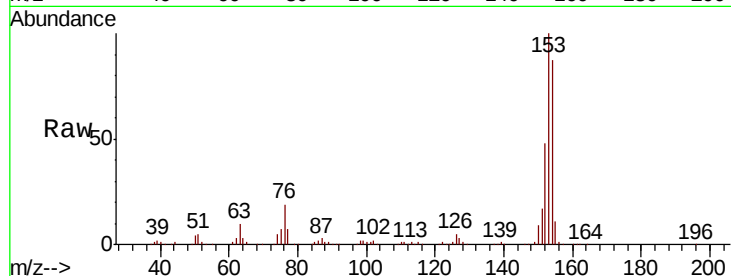
Tgt Ion:154 Resp: 303814

Ion Ratio Lower Upper

154 100

153 115.1 91.8 137.6

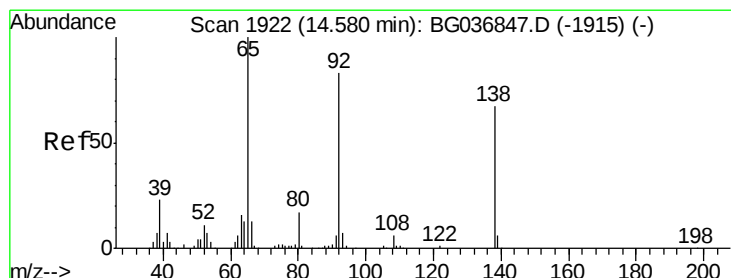
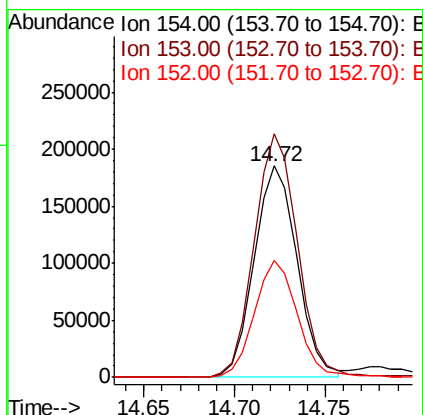
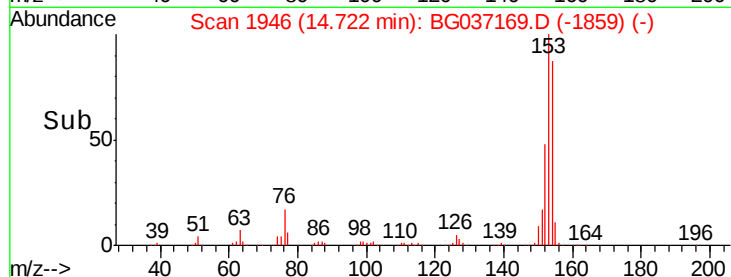
152 55.0 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.220 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

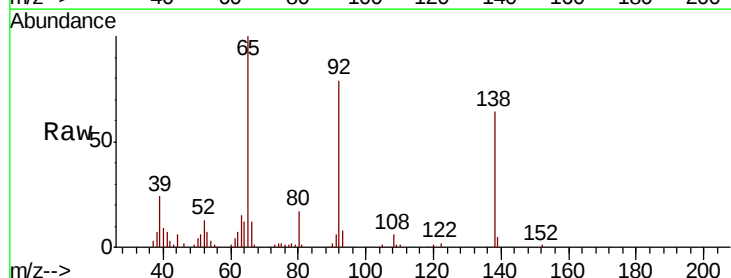
Tgt Ion:138 Resp: 51651

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.2

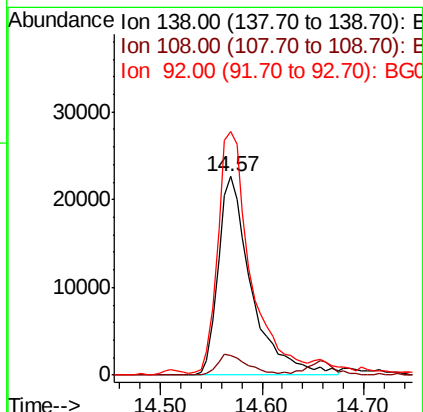
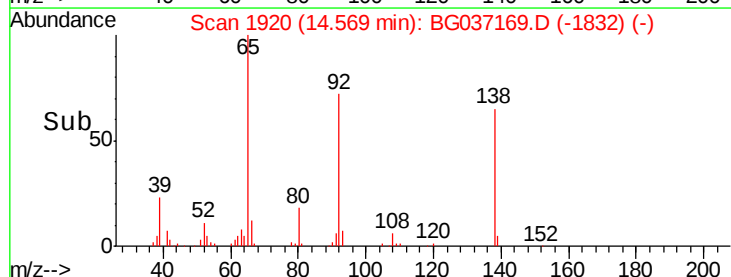
92 122.6 96.8 145.2

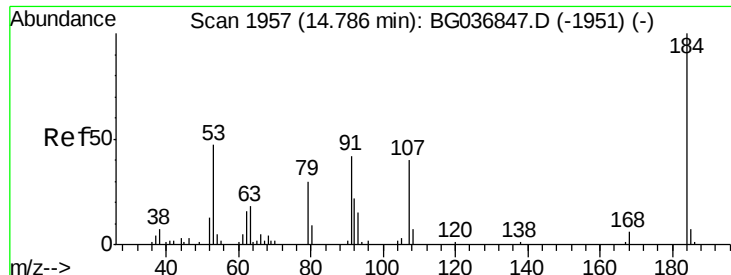


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 37.085 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

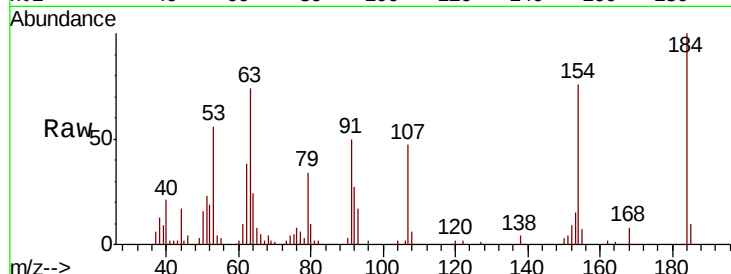
Tgt Ion:184 Resp: 30869

Ion Ratio Lower Upper

184 100

63 74.2 47.3 70.9#

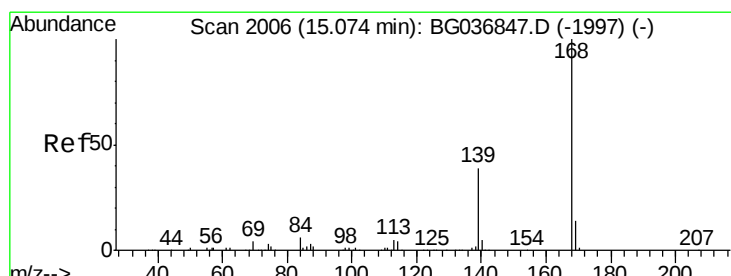
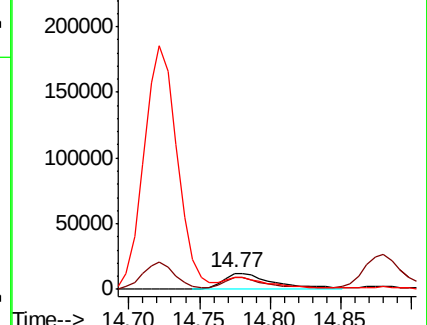
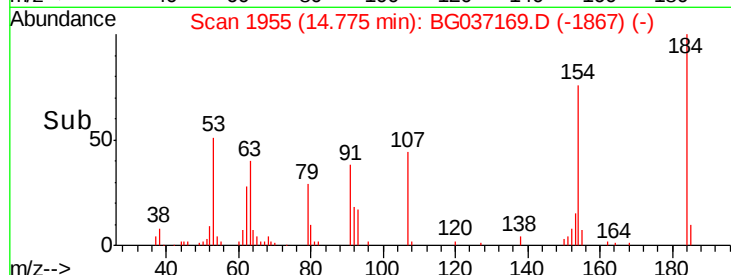
154 75.8 51.1 76.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.291 ng

RT: 15.06 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

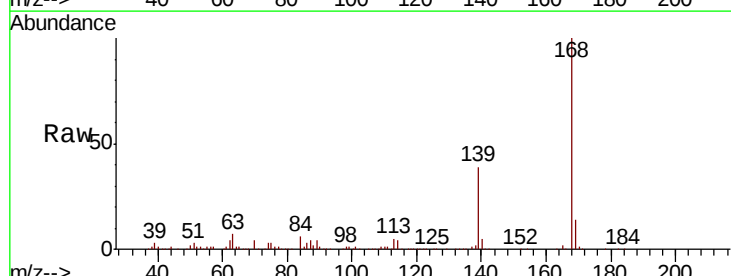
Tgt Ion:168 Resp: 514665

Ion Ratio Lower Upper

168 100

139 39.0 31.0 46.6

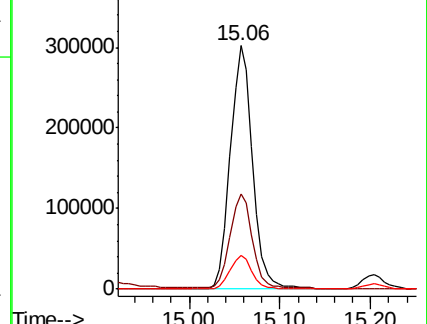
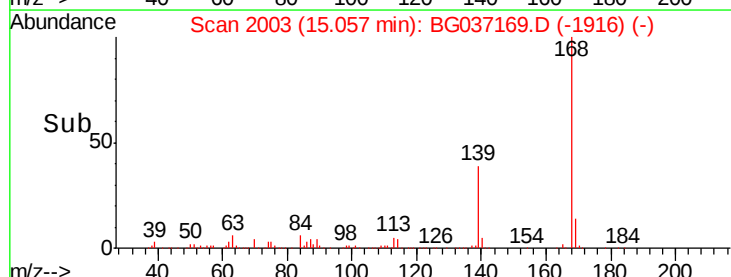
169 14.0 11.1 16.7

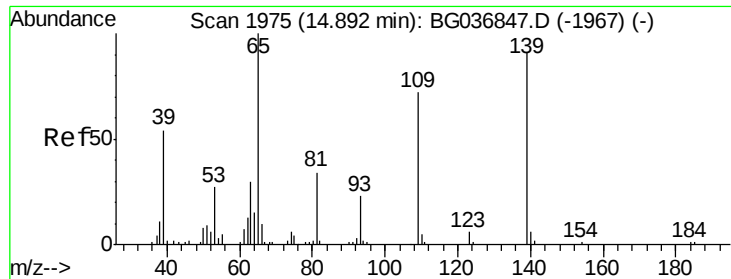


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

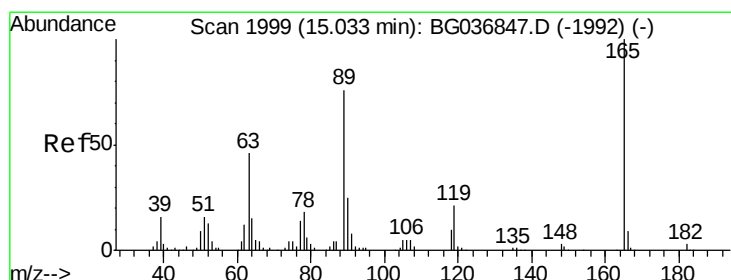
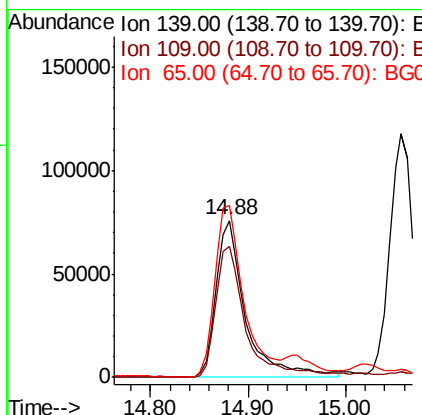
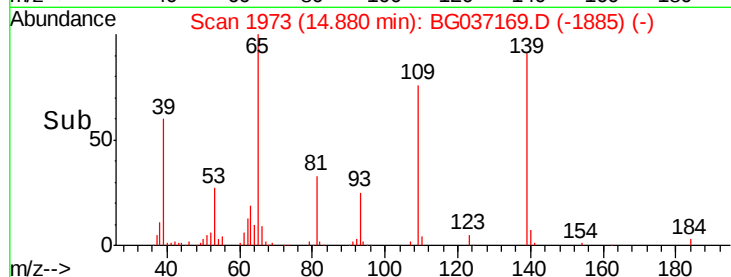
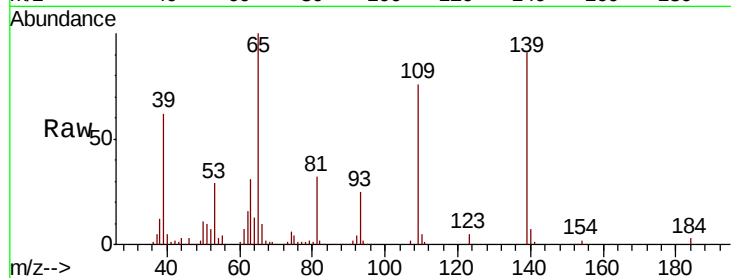




#55
4-Nitrophenol
Concen: 116.912 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

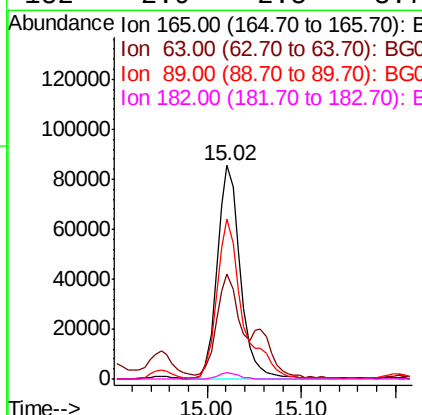
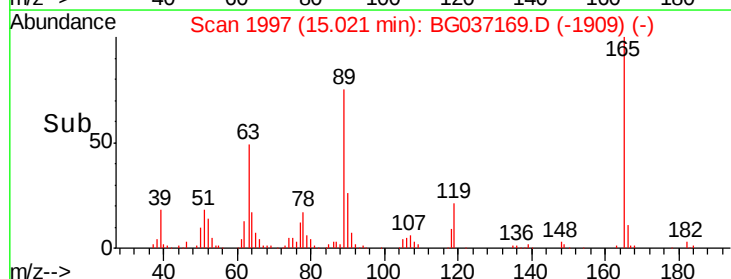
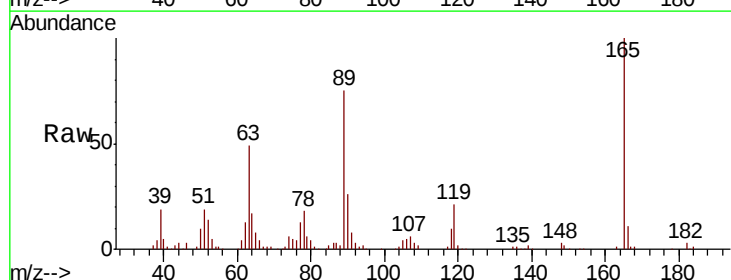
Instrument :
BNA_G
ClientSampleId :
PB113496BSD

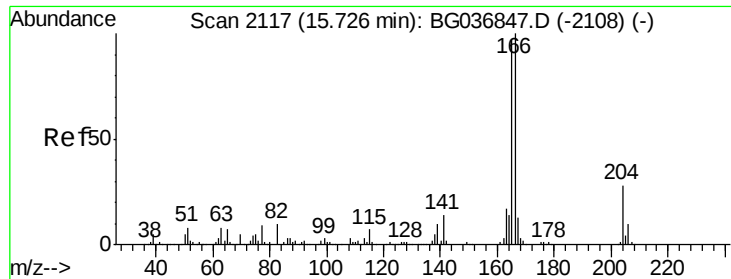
Tgt Ion:139 Resp: 159277
Ion Ratio Lower Upper
139 100
109 83.2 63.9 103.9
65 109.8 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 52.219 ng
RT: 15.02 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion:165 Resp: 147465
Ion Ratio Lower Upper
165 100
63 49.4 40.1 60.1
89 75.0 63.7 95.5
182 2.9 2.5 3.7





#57

Fluorene

Concen: 51.159 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

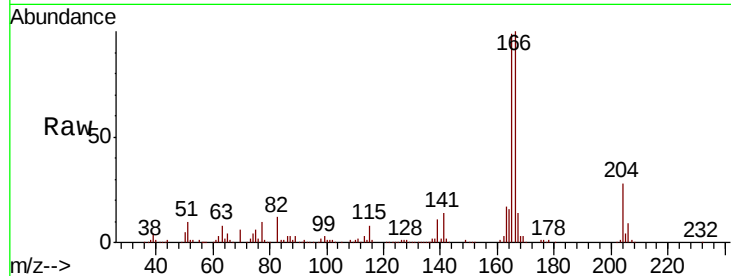
Tgt Ion:166 Resp: 425126

Ion Ratio Lower Upper

166 100

165 99.3 77.0 115.4

167 14.2 10.6 16.0

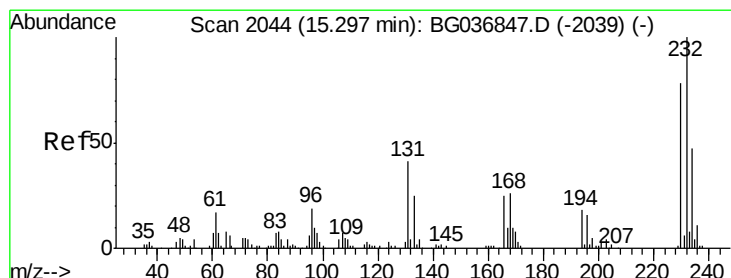
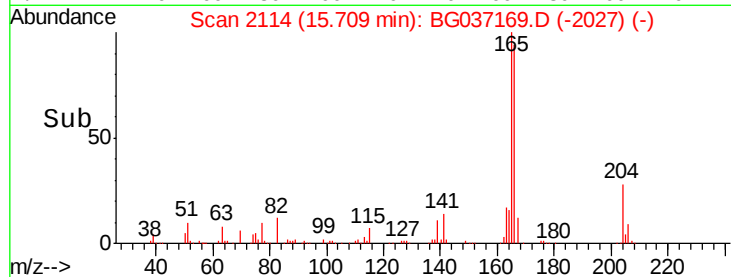
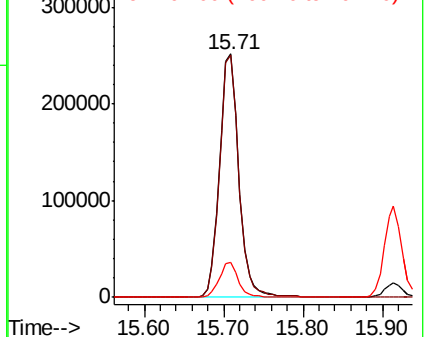


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.217 ng

RT: 15.29 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Tgt Ion:232 Resp: 135721

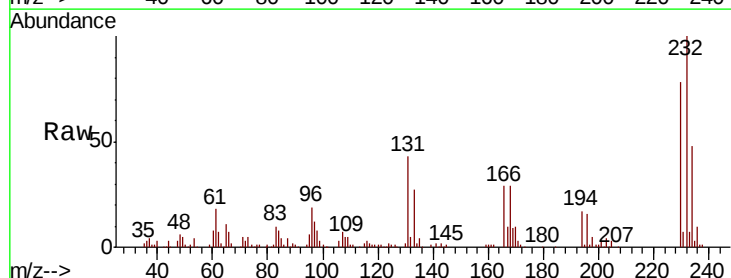
Ion Ratio Lower Upper

232 100

131 41.3 33.8 50.8

130 2.6 2.1 3.1

166 28.9 22.3 33.5



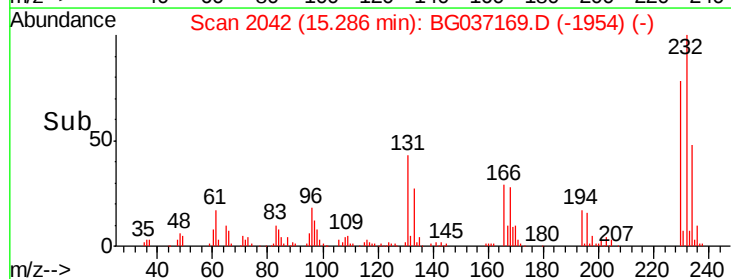
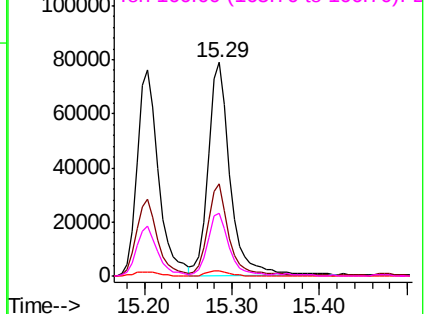
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.369 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

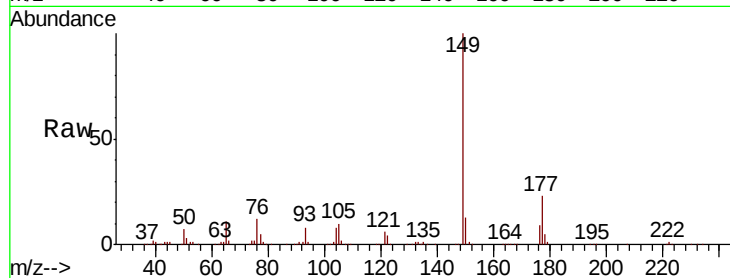
Tgt Ion:149 Resp: 461868

Ion Ratio Lower Upper

149 100

177 23.2 19.1 28.7

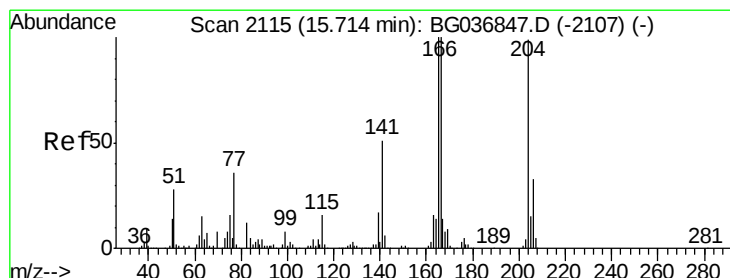
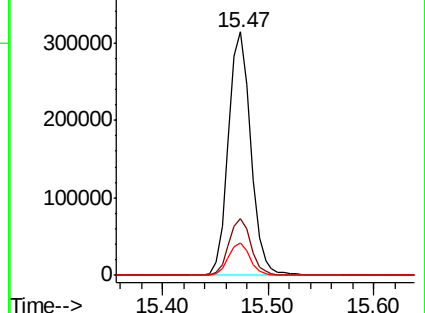
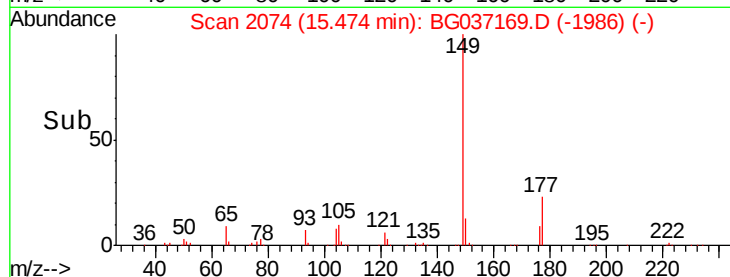
150 13.2 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.227 ng

RT: 15.70 min Scan# 2112

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

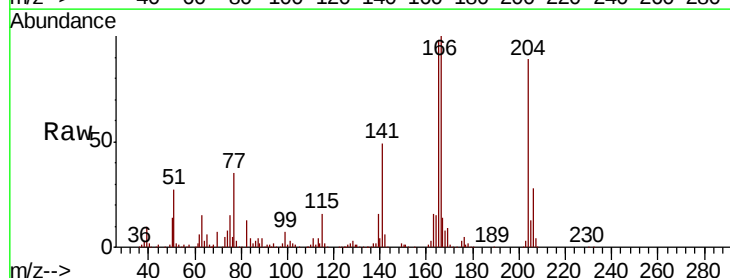
Tgt Ion:204 Resp: 232751

Ion Ratio Lower Upper

204 100

206 31.8 27.0 40.4

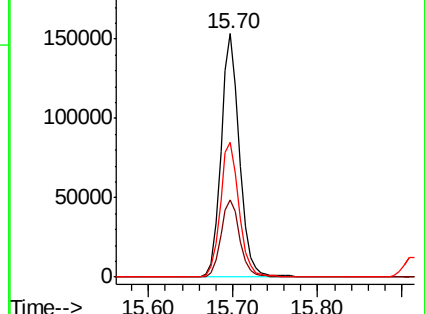
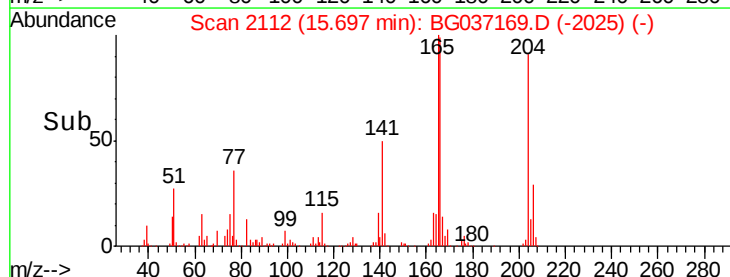
141 55.1 43.8 65.6

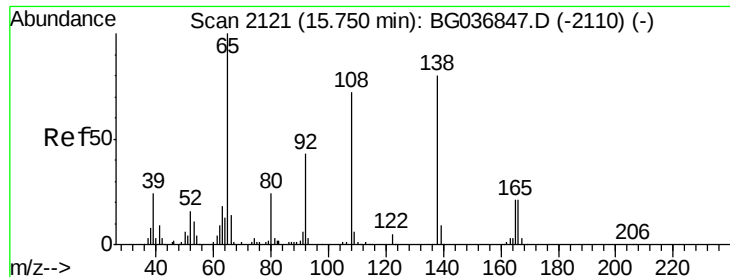


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 50.965 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

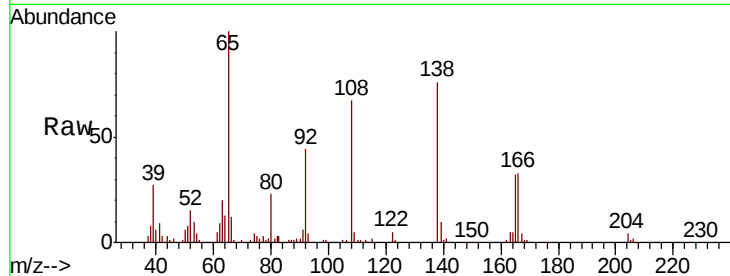
Tgt Ion:138 Resp: 114324

Ion Ratio Lower Upper

138 100

92 58.0 38.5 78.5

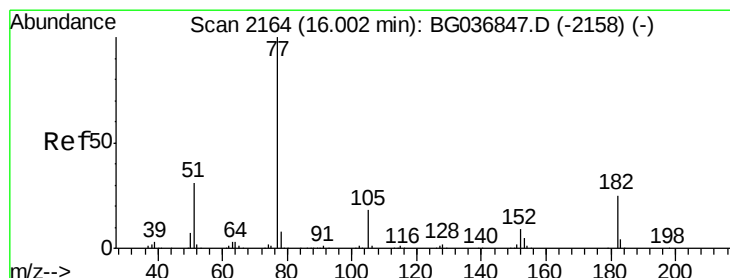
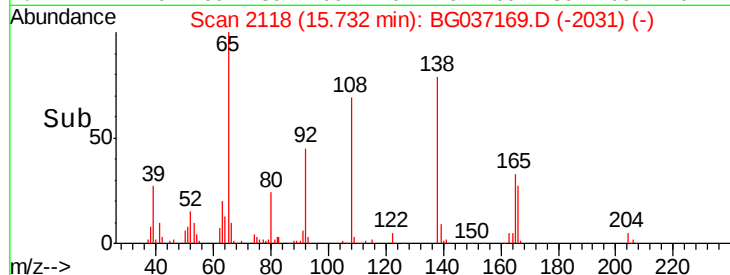
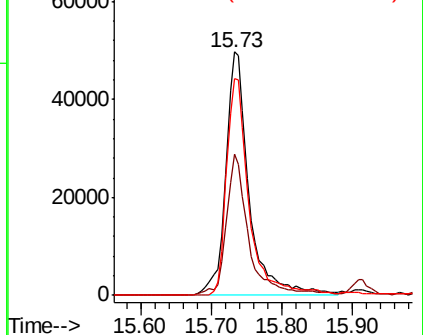
108 89.2 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.820 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Tgt Ion: 77 Resp: 465820

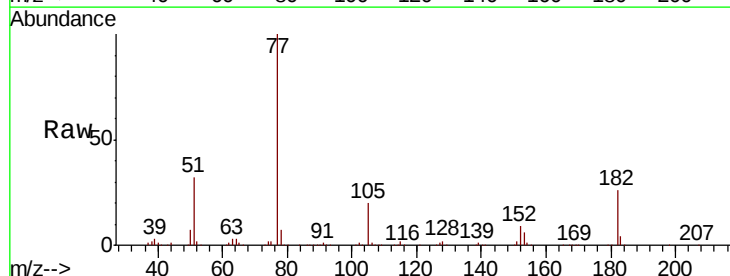
Ion Ratio Lower Upper

77 100

182 26.1 6.7 46.7

105 19.8 0.0 39.8

51 31.6 12.4 52.4

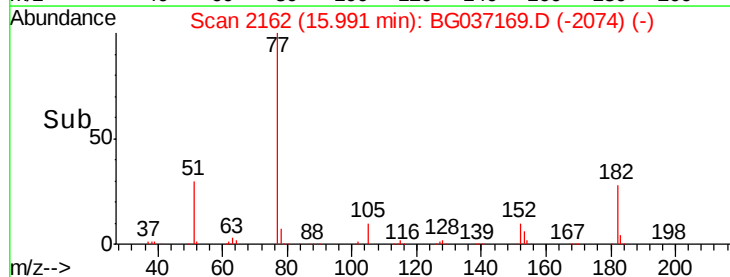
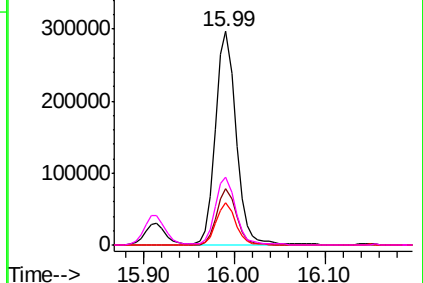


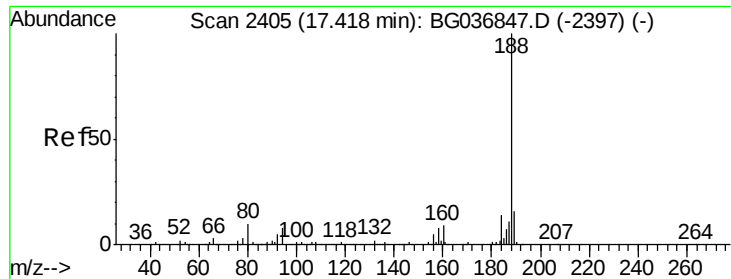
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

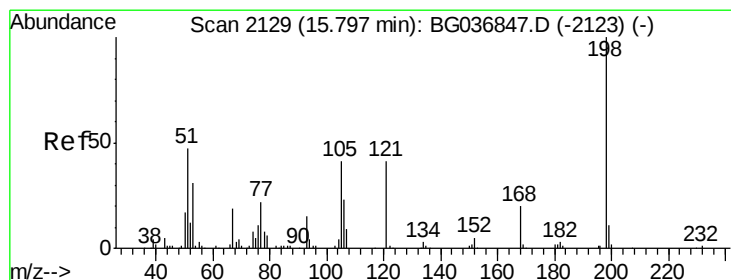
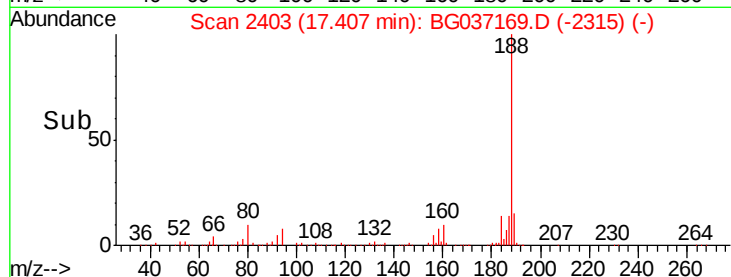
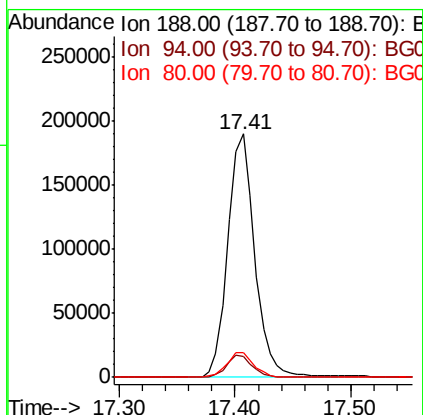
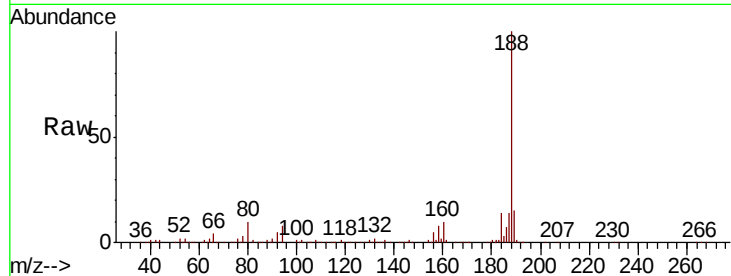




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

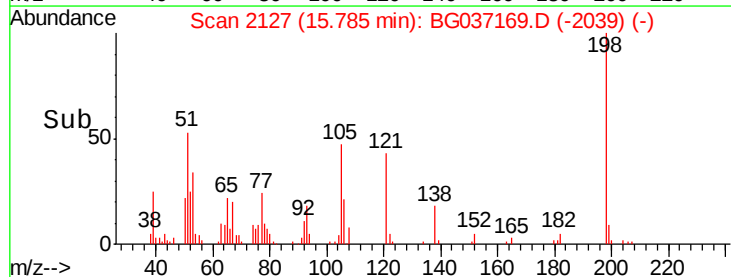
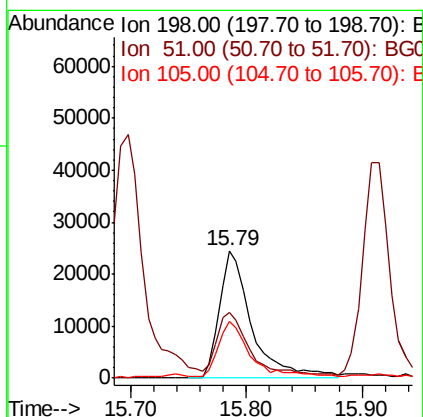
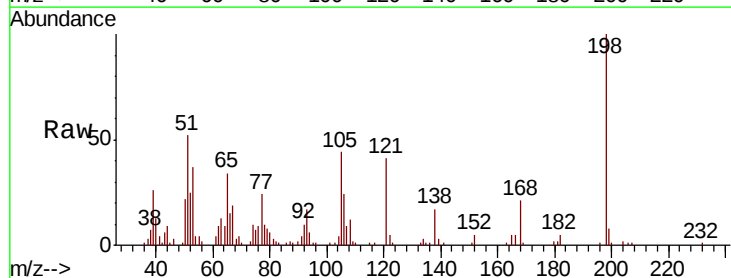
Instrument :
BNA_G
ClientSampleId :
PB113496BSD

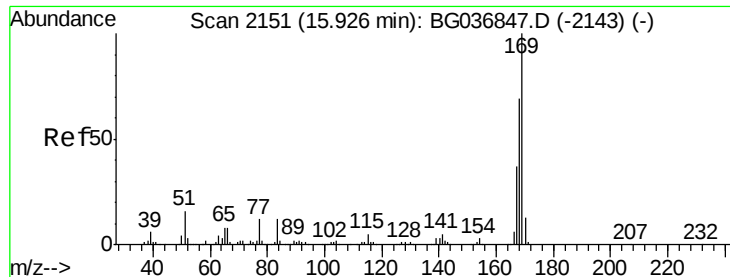
Tgt Ion:188 Resp: 307824
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 10.3 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 29.594 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion:198 Resp: 47627
Ion Ratio Lower Upper
198 100
51 51.7 26.5 66.5
105 44.3 20.2 60.2

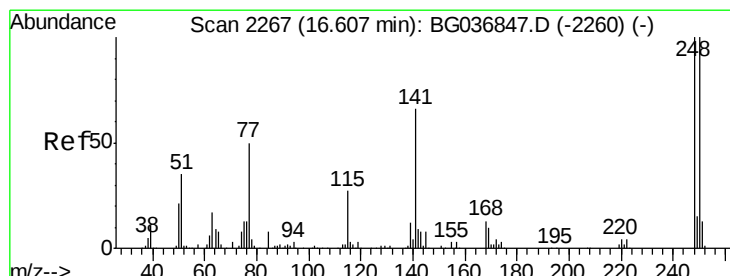
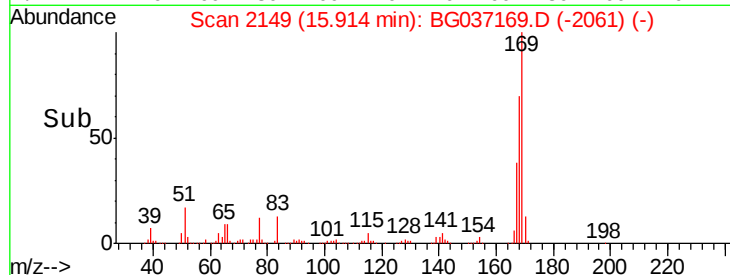
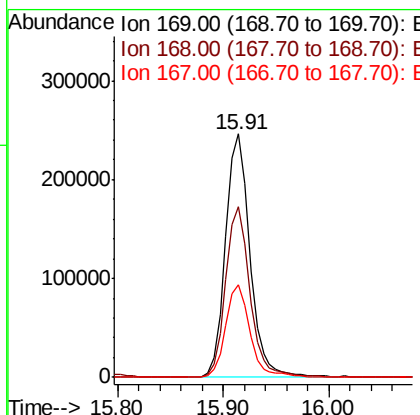
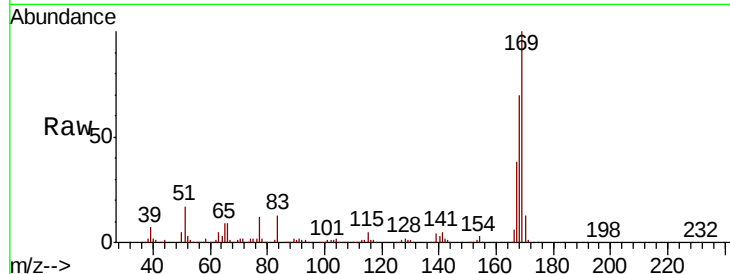




#65
 n-Nitrosodiphenylamine
 Concen: 46.419 ng
 RT: 15.91 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

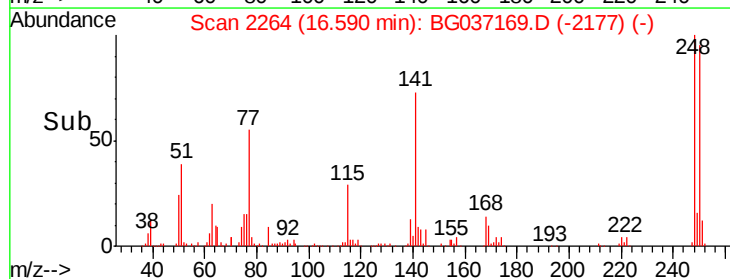
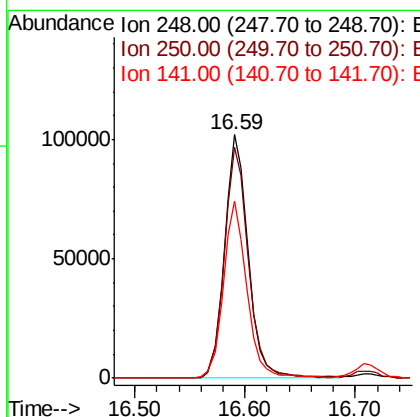
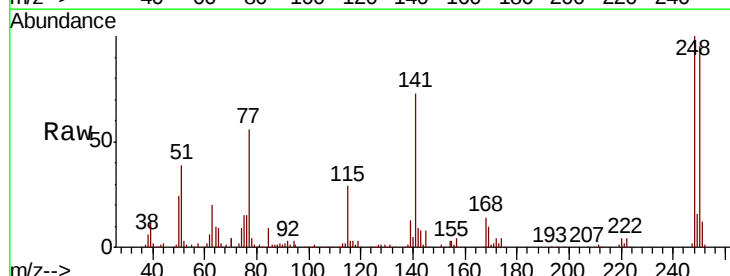
Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

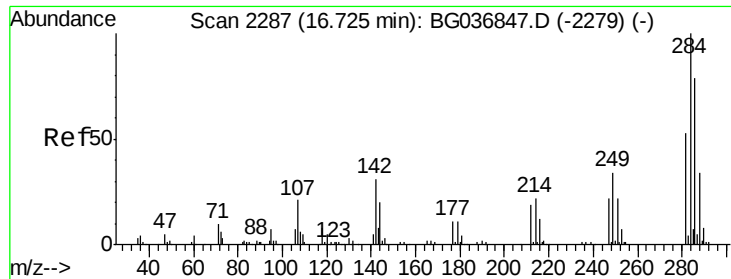
Tgt Ion:169 Resp: 394476
 Ion Ratio Lower Upper
 169 100
 168 69.9 57.6 86.4
 167 38.1 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 43.565 ng
 RT: 16.59 min Scan# 2264
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion:248 Resp: 152535
 Ion Ratio Lower Upper
 248 100
 250 94.8 78.1 117.1
 141 72.5 53.7 80.5

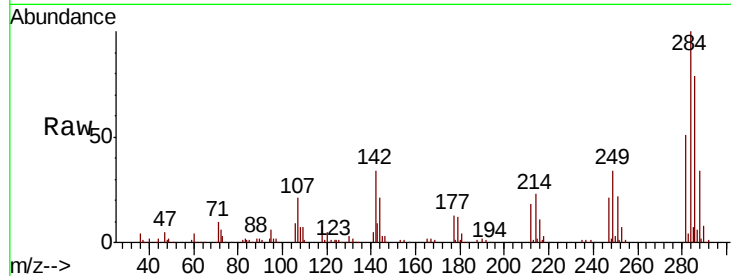




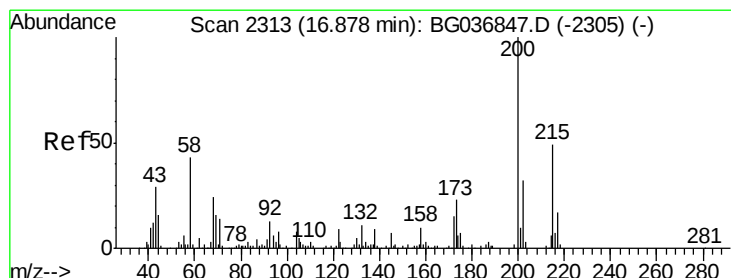
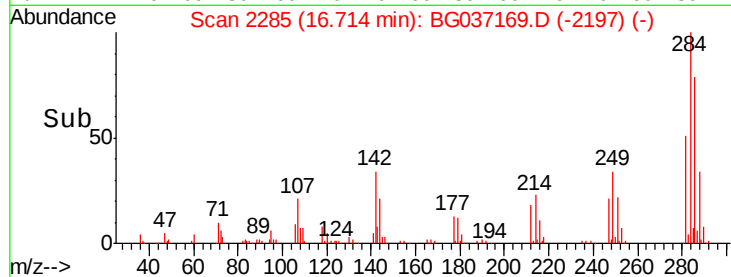
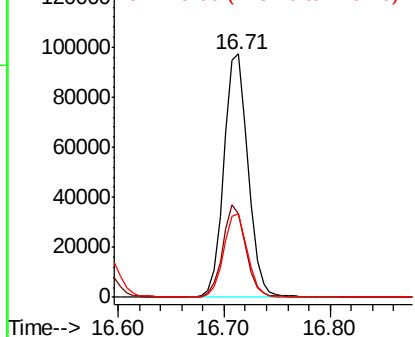
#67
Hexachlorobenzene
Concen: 42.765 ng
RT: 16.71 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tgt Ion:284 Resp: 154217
Ion Ratio Lower Upper
284 100
142 34.4 27.8 41.6
249 34.4 27.4 41.2

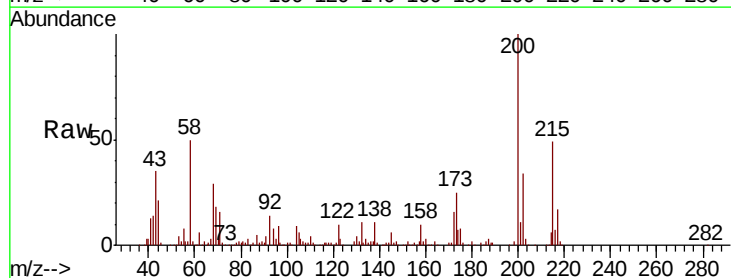


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

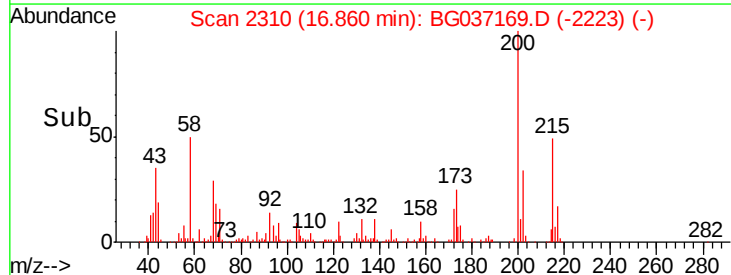
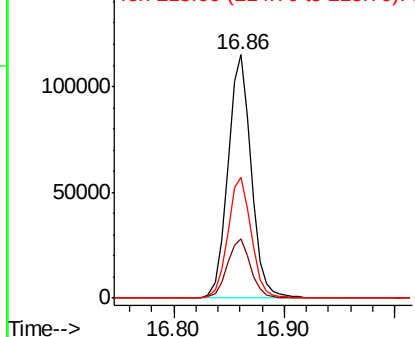


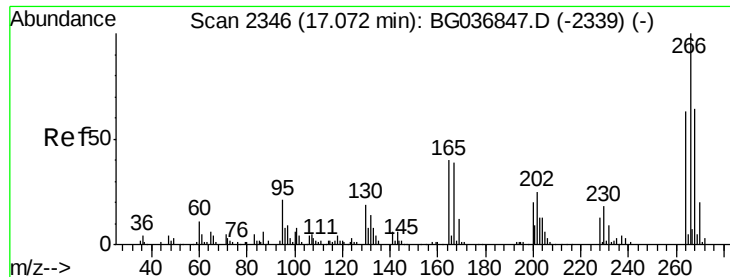
#68
Atrazine
Concen: 49.646 ng
RT: 16.86 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion:200 Resp: 170829
Ion Ratio Lower Upper
200 100
173 24.6 3.9 43.9
215 49.3 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

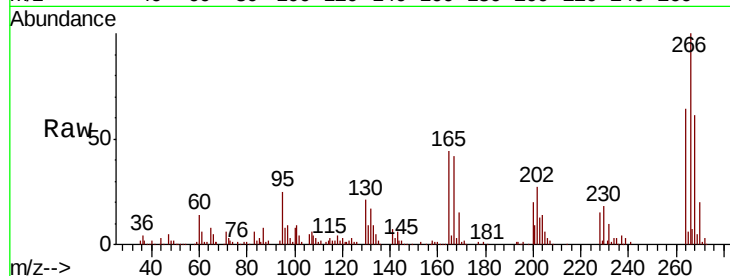




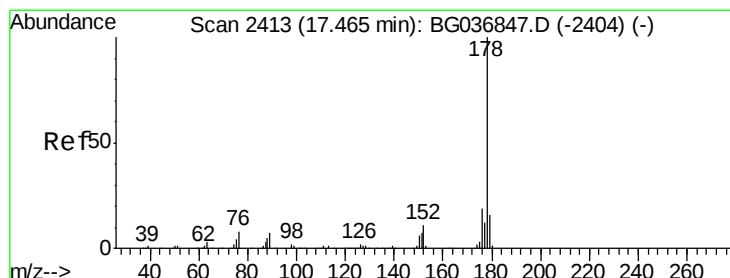
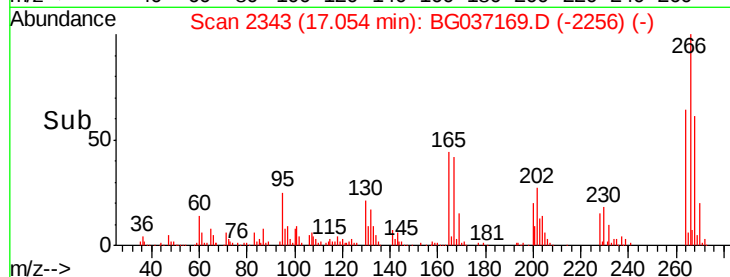
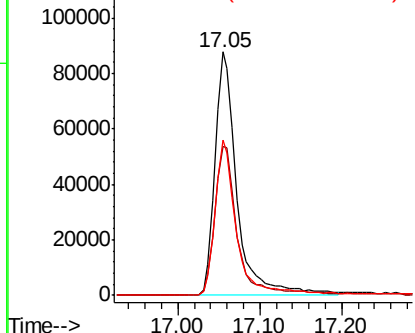
#69
 Pentachlorophenol
 Concen: 72.856 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tgt Ion:266 Resp: 165414
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.4 77.2
 264 63.7 48.9 73.3

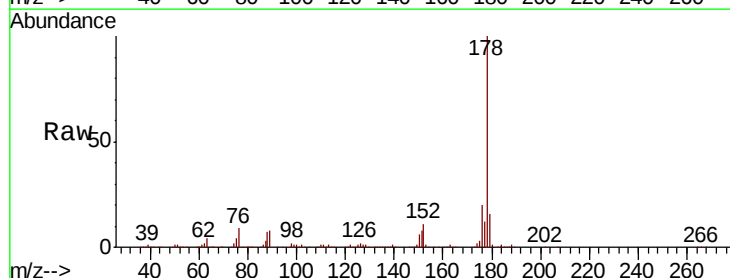


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

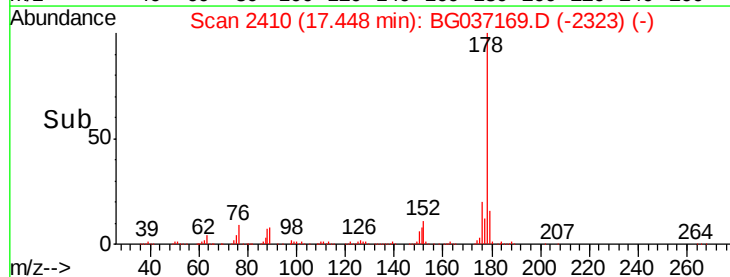
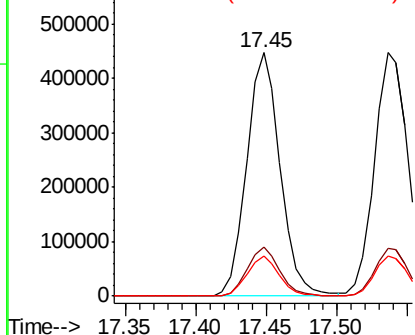


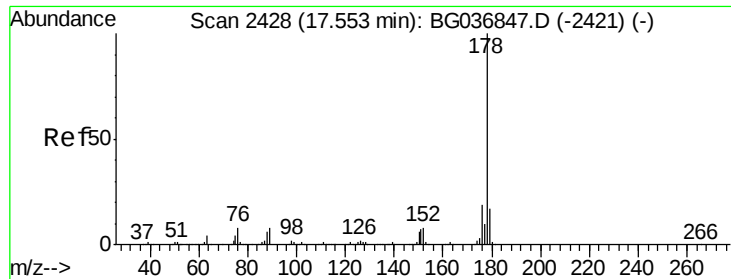
#70
 Phenanthrene
 Concen: 50.125 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion:178 Resp: 743545
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.3 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

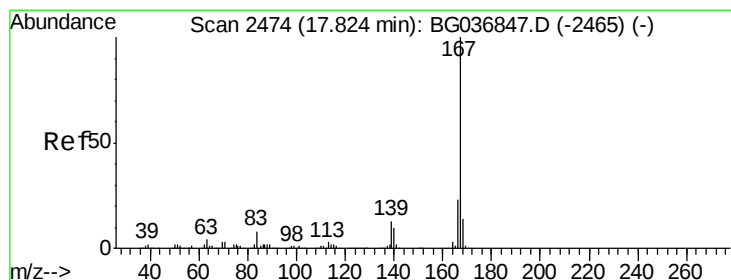
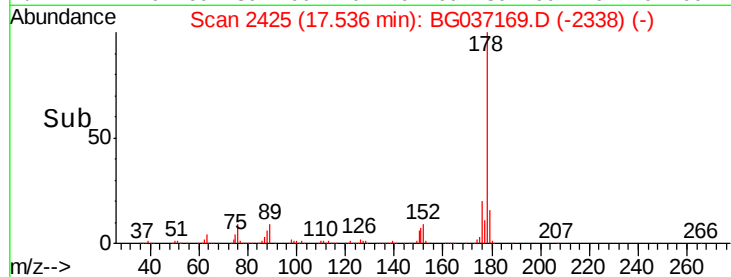
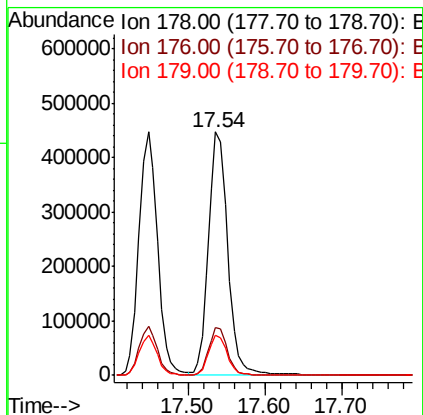
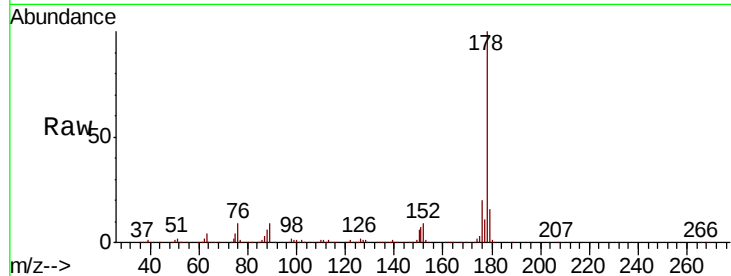




#71
 Anthracene
 Concen: 52.345 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

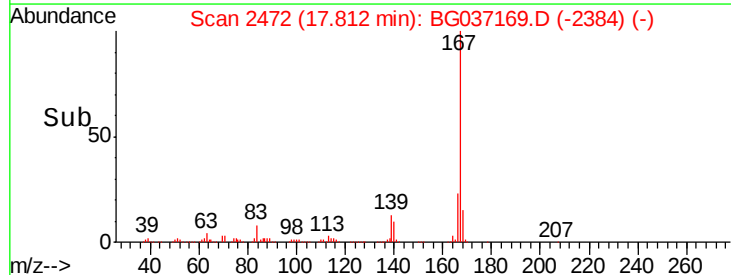
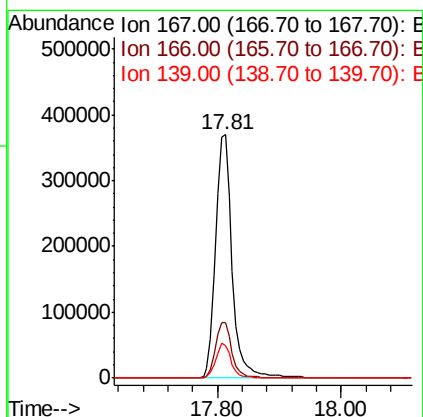
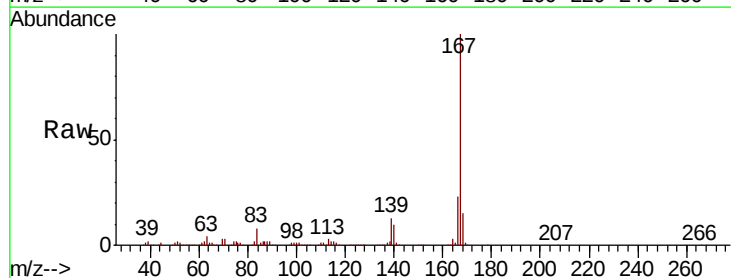
Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

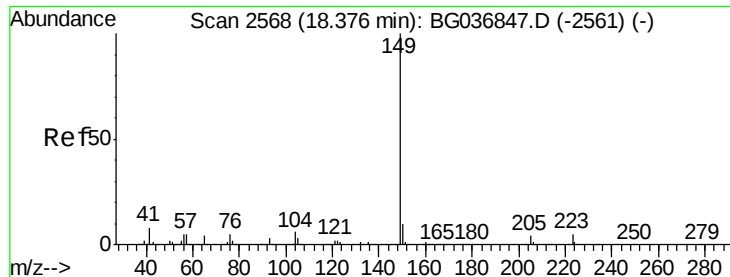
Tgt Ion:178 Resp: 767798
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.5 13.0 19.4



#72
 Carbazole
 Concen: 47.967 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion:167 Resp: 685980
 Ion Ratio Lower Upper
 167 100
 166 22.8 19.5 29.3
 139 13.3 10.7 16.1

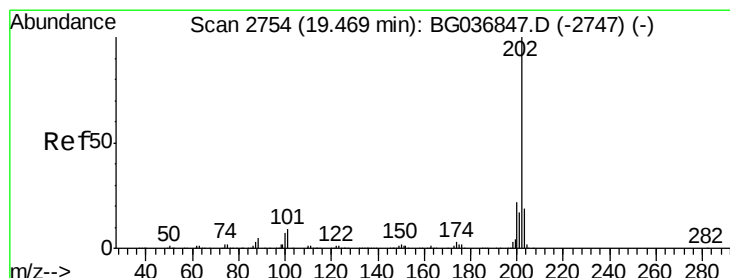
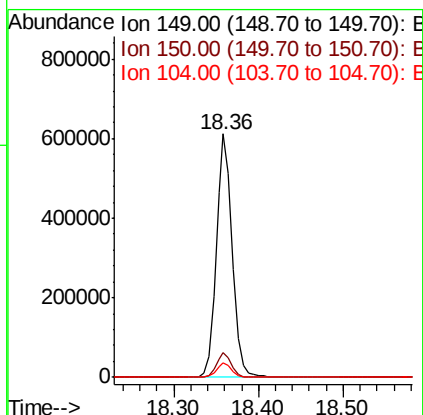
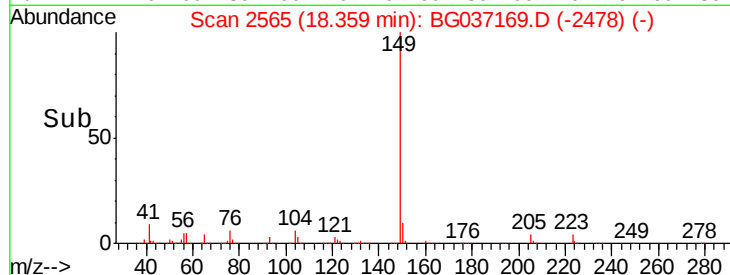
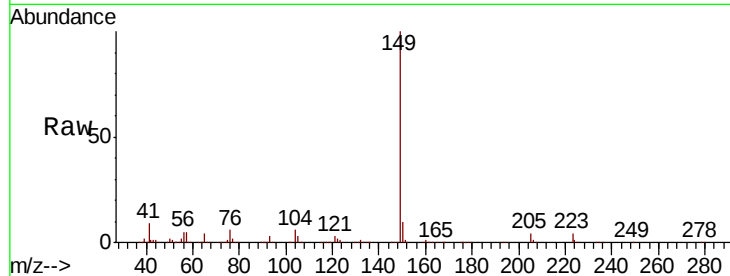




#73
Di-n-butylphthalate
Concen: 50.897 ng
RT: 18.36 min Scan# 2565
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

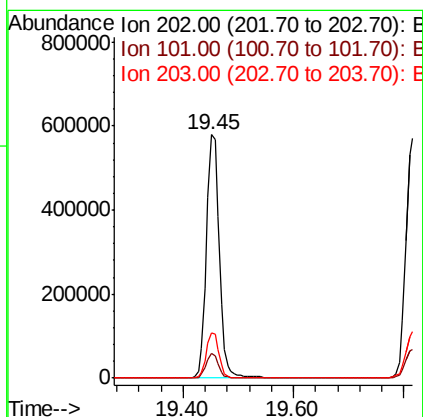
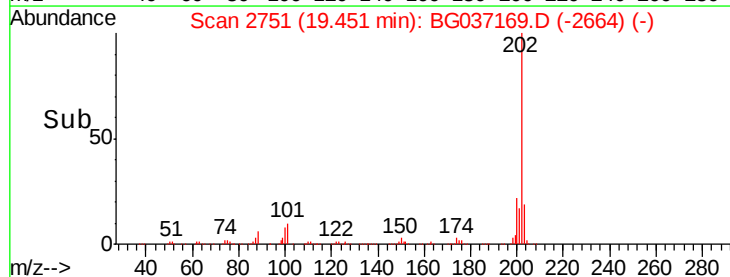
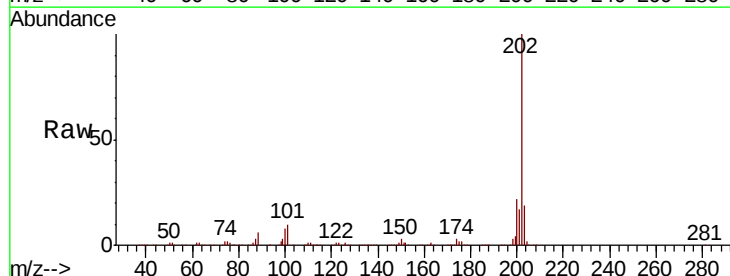
Instrument :
BNA_G
ClientSampleId :
PB113496BSD

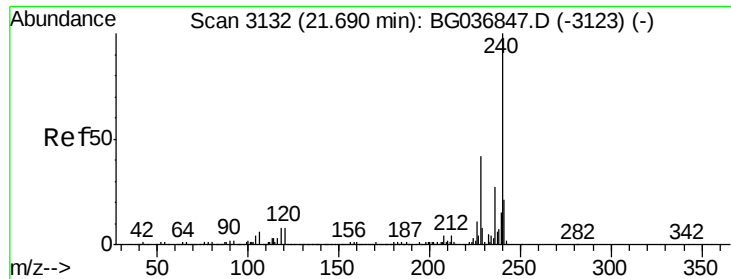
Tgt Ion:149 Resp: 808348
Ion Ratio Lower Upper
149 100
150 10.3 8.1 12.1
104 6.2 4.6 6.8



#74
Fluoranthene
Concen: 51.583 ng
RT: 19.45 min Scan# 2751
Delta R.T. -0.02 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion:202 Resp: 921055
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.4
203 18.7 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

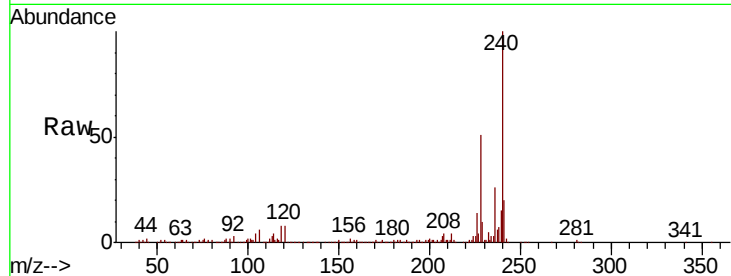
Tgt Ion:240 Resp: 311293

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

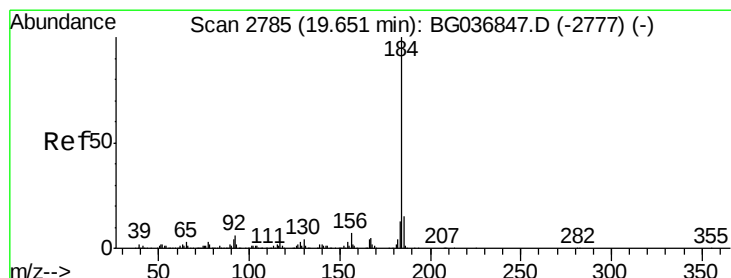
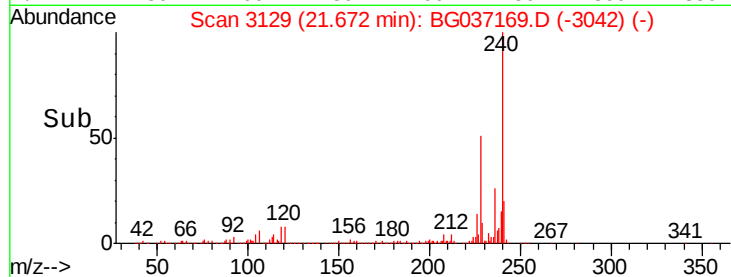
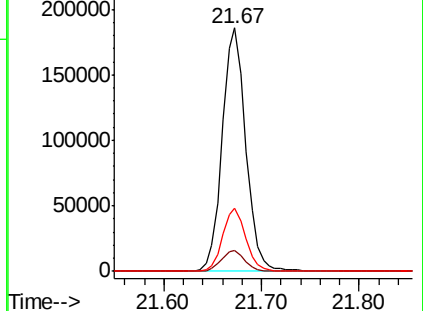
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.661 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

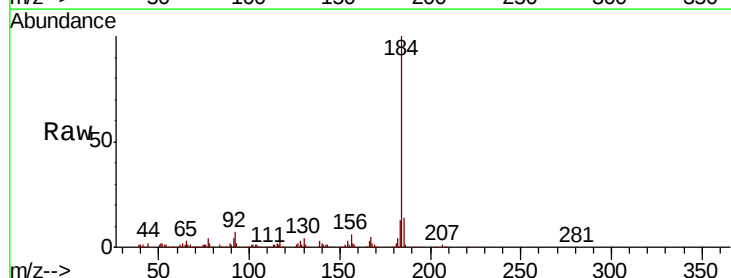
Tgt Ion:184 Resp: 297938

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

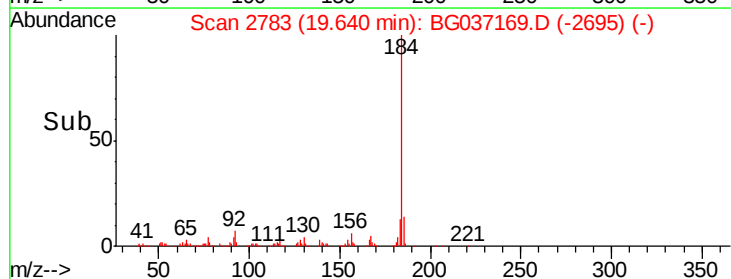
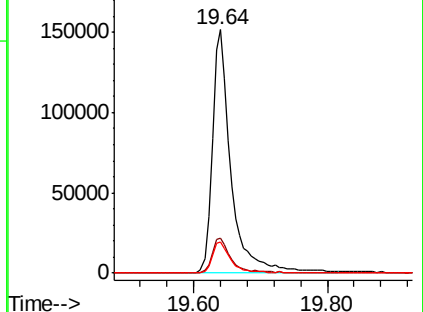
183 12.7 10.9 16.3

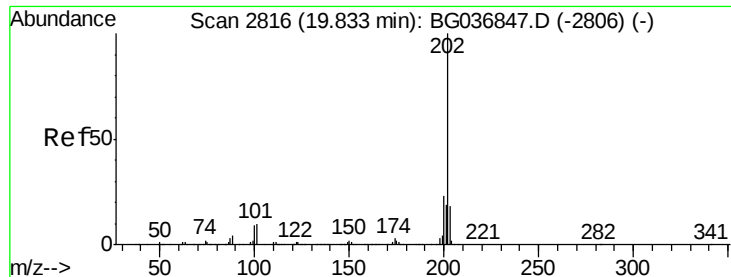


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.143 ng

RT: 19.82 min Scan# 2813

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

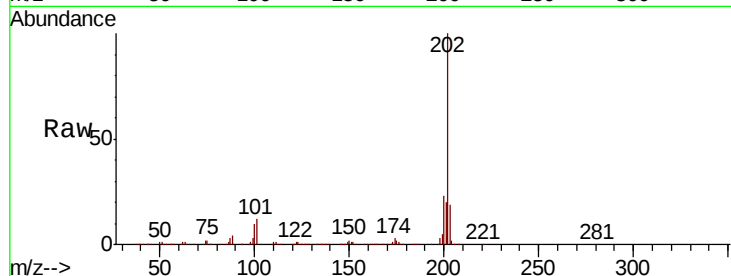
Tgt Ion:202 Resp: 899312

Ion Ratio Lower Upper

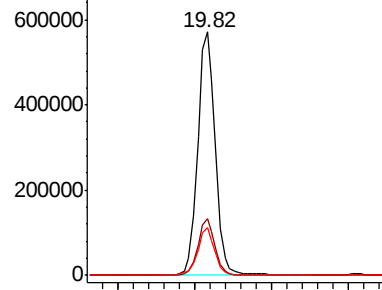
202 100

200 23.4 18.3 27.5

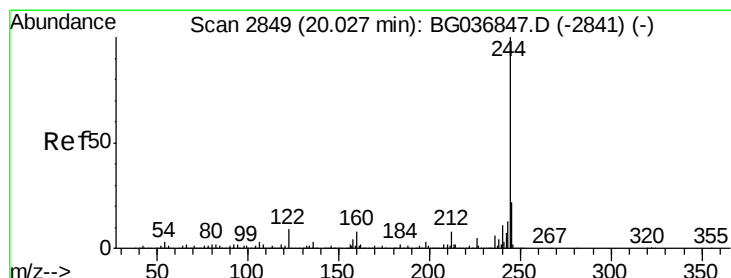
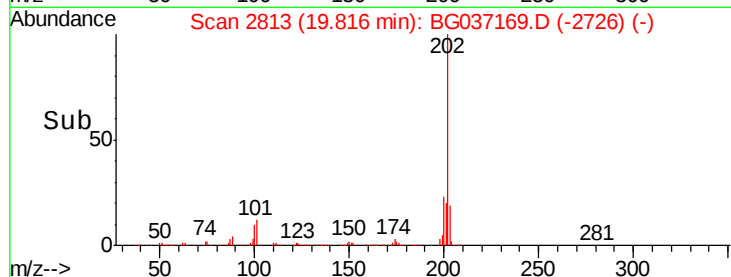
203 19.5 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 98.041 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

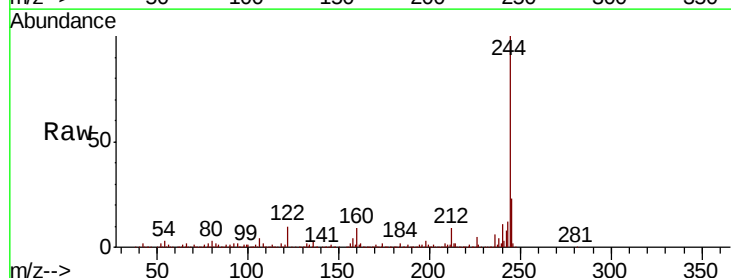
Tgt Ion:244 Resp: 1160659

Ion Ratio Lower Upper

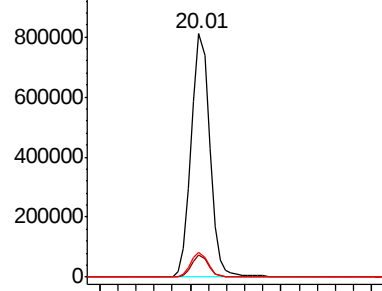
244 100

212 8.9 7.0 10.6

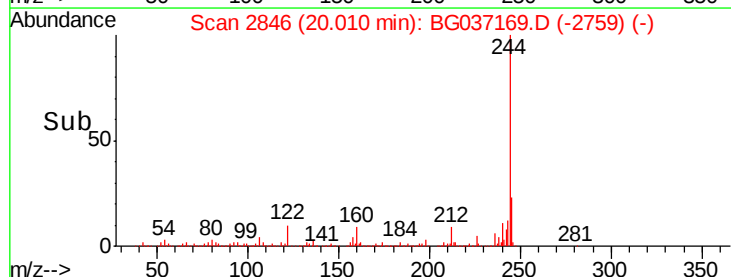
122 10.1 7.1 10.7

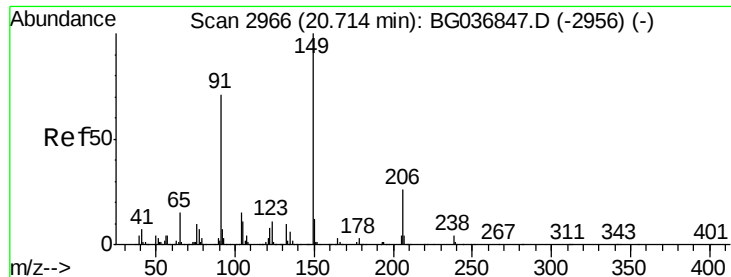


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 50.549 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

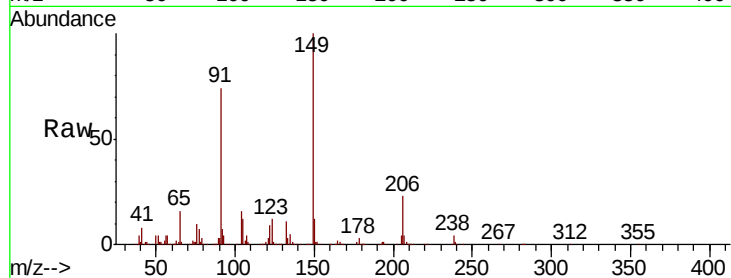
Tgt Ion:149 Resp: 376376

Ion Ratio Lower Upper

149 100

91 74.3 62.0 93.0

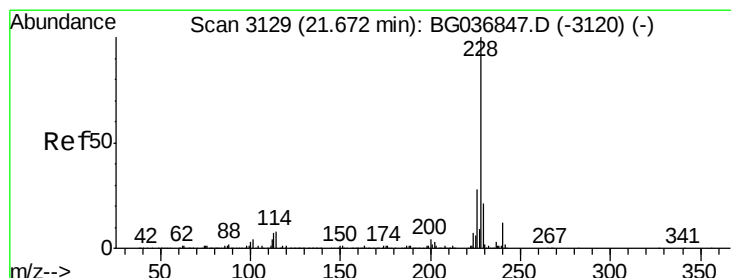
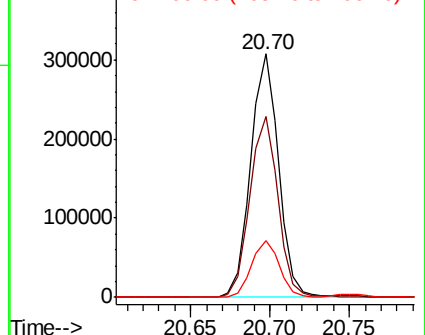
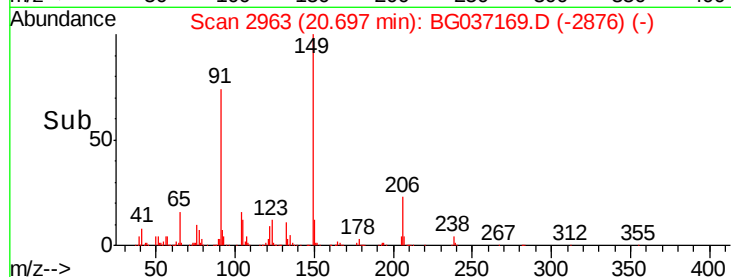
206 23.2 19.6 29.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.508 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

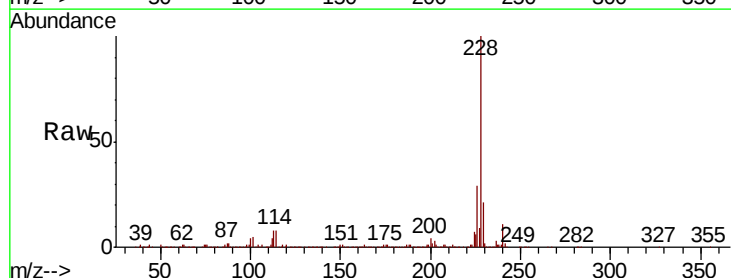
Tgt Ion:228 Resp: 881466

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

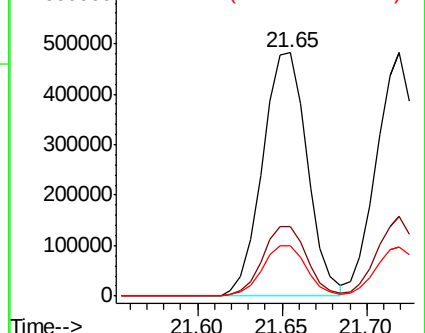
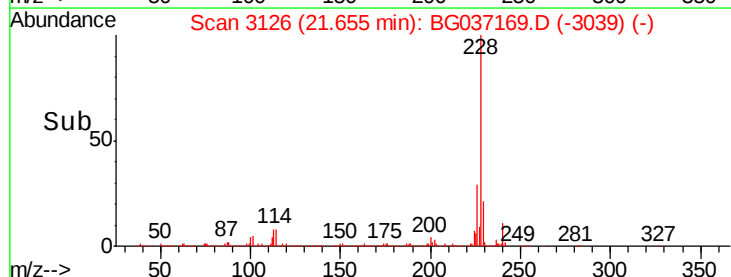
229 20.6 17.1 25.7

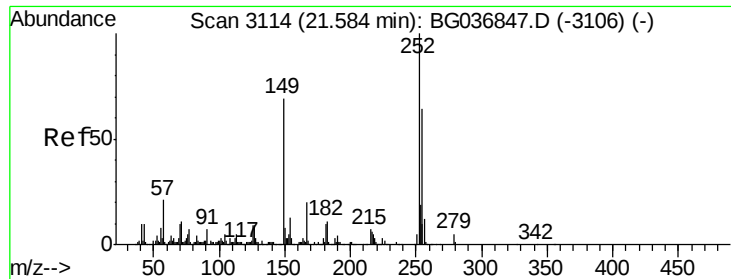


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

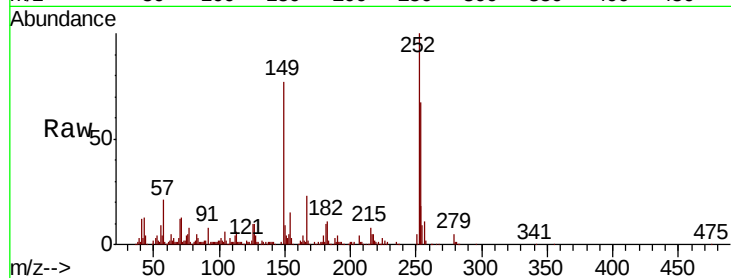




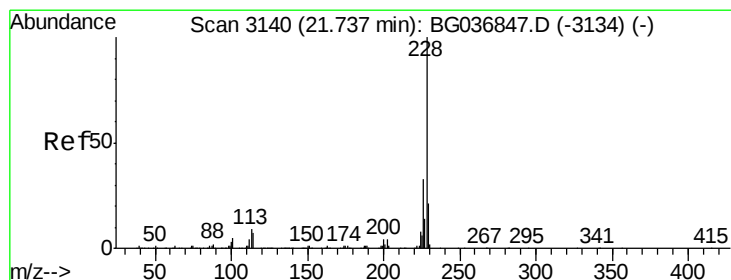
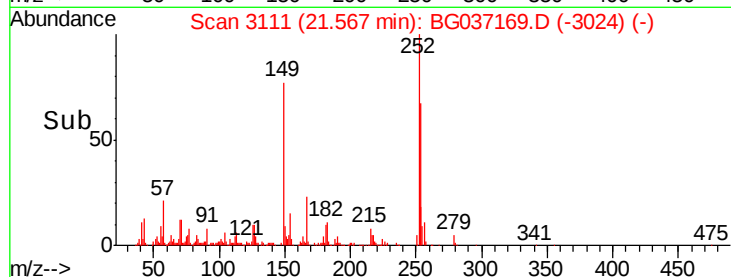
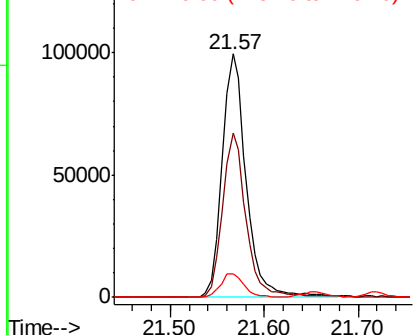
#81
 3,3'-Dichlorobenzidine
 Concen: 25.701 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tgt Ion:252 Resp: 177767
 Ion Ratio Lower Upper
 252 100
 254 67.4 51.0 76.4
 126 9.9 7.4 11.0

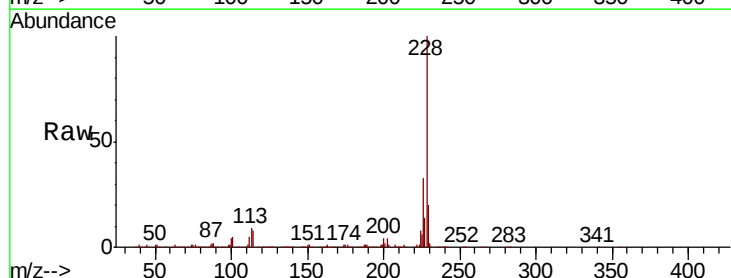


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

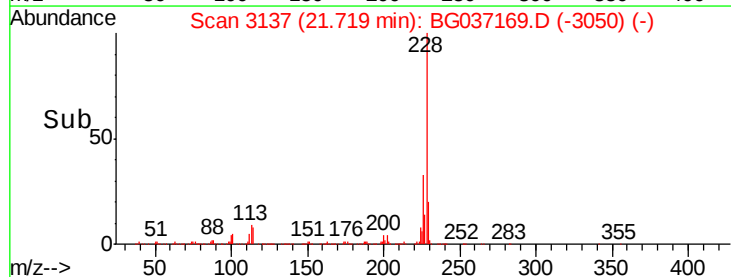
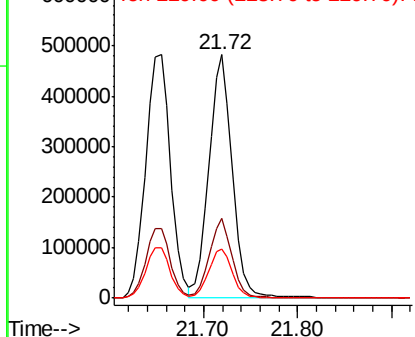


#82
 Chrysene
 Concen: 47.492 ng
 RT: 21.72 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion:228 Resp: 833841
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.5 38.3
 229 20.2 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

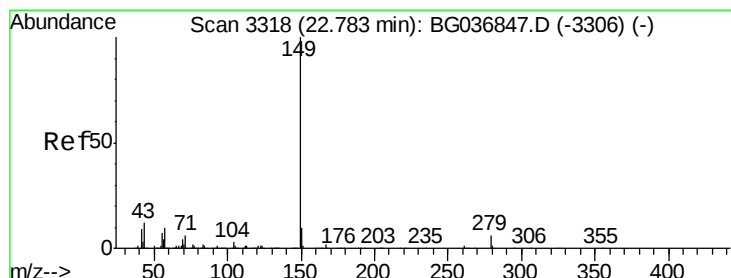
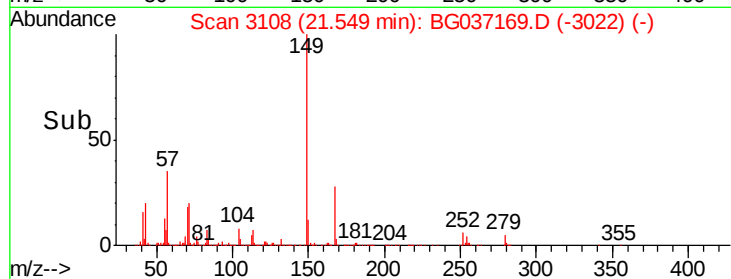
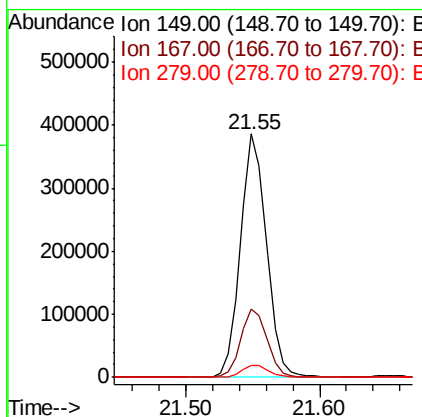
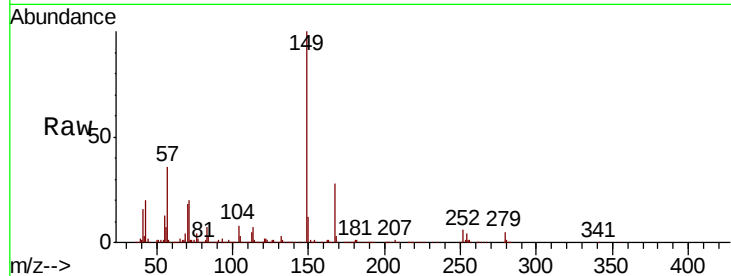




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.991 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

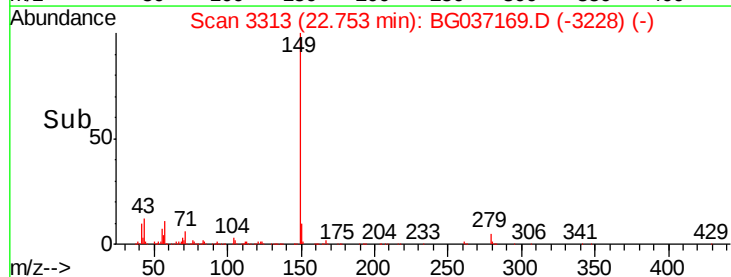
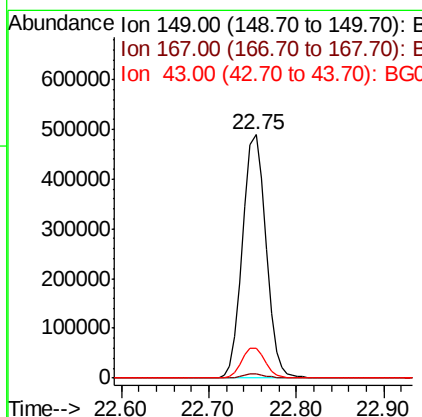
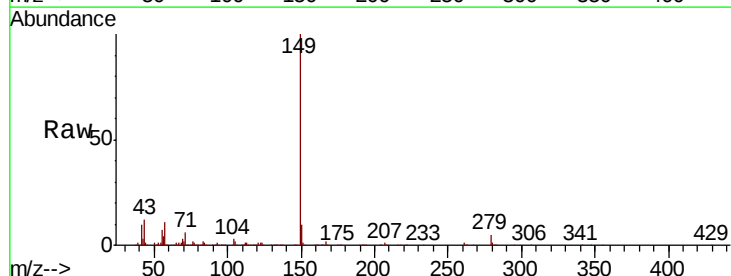
Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

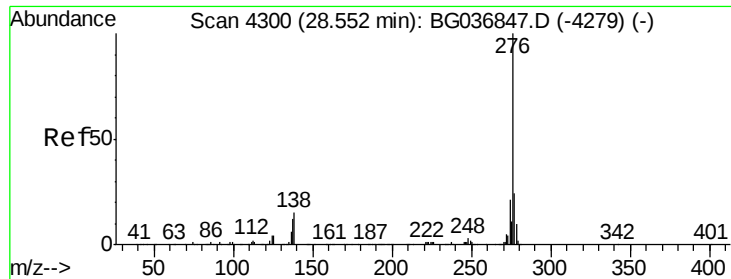
Tgt Ion:149 Resp: 519988
 Ion Ratio Lower Upper
 149 100
 167 28.3 23.4 35.0
 279 5.0 4.6 7.0



#84
 Di-n-octyl phthalate
 Concen: 51.587 ng
 RT: 22.75 min Scan# 3313
 Delta R.T. -0.03 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion:149 Resp: 883477
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 12.4 10.0 15.0

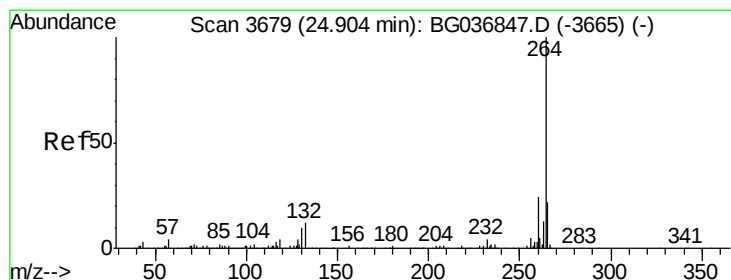
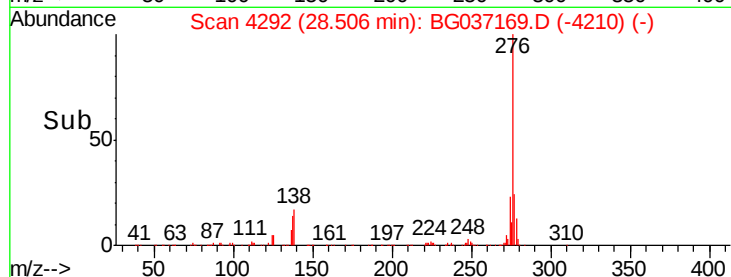
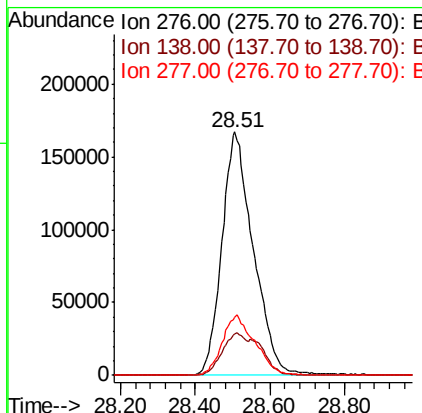
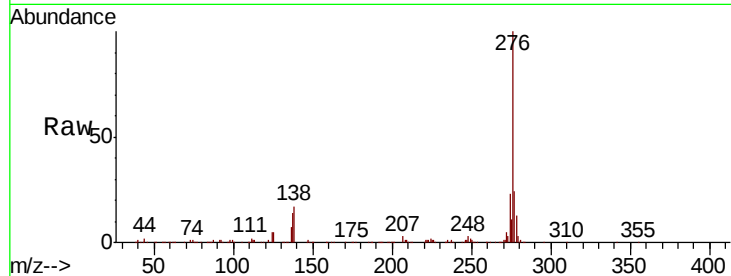




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.897 ng
 RT: 28.51 min Scan# 4292
 Delta R.T. -0.05 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

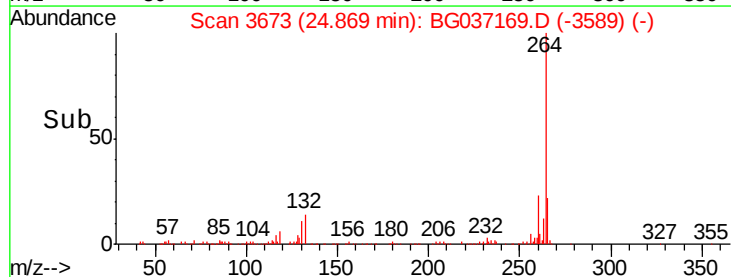
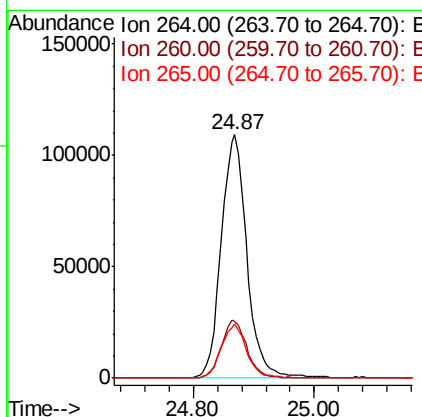
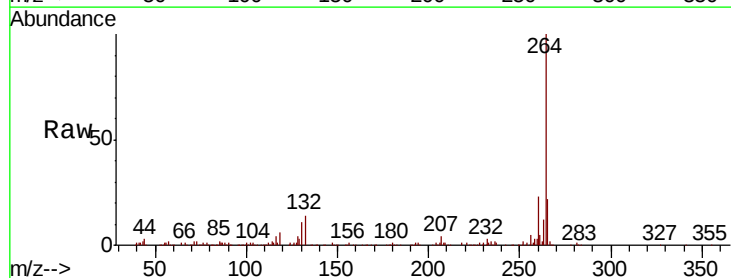
Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.3	10.6	15.8
277	25.5	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3673
 Delta R.T. -0.03 min
 Lab File: BG037169.D
 Acq: 5 Oct 2018 00:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.4	17.4	26.0

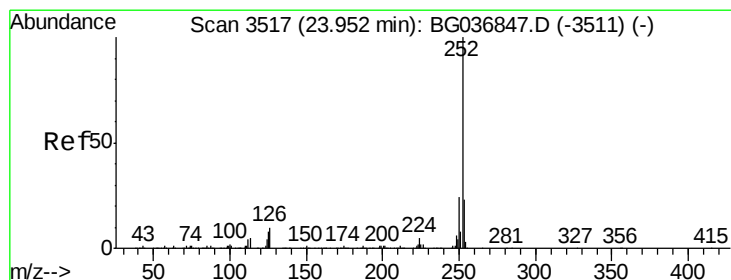
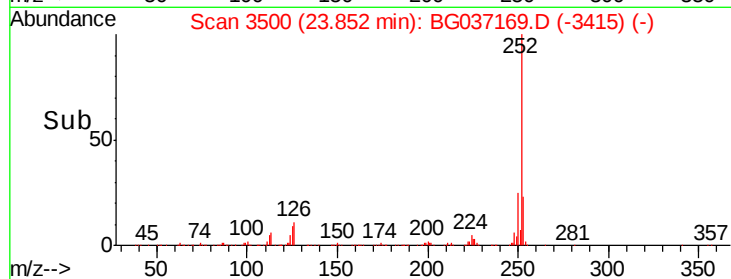
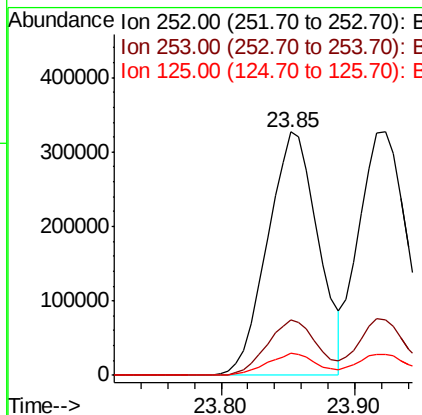
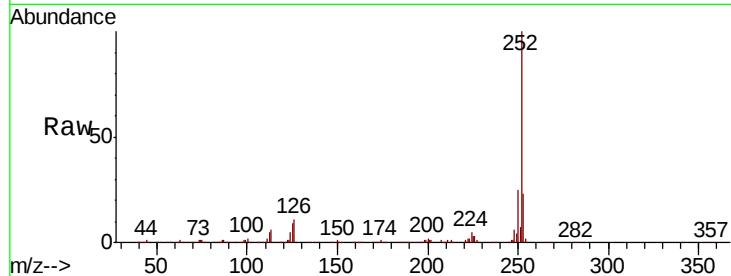




#87
Benzo(b)fluoranthene
Concen: 50.097 ng
RT: 23.85 min Scan# 3500
Delta R.T. -0.03 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

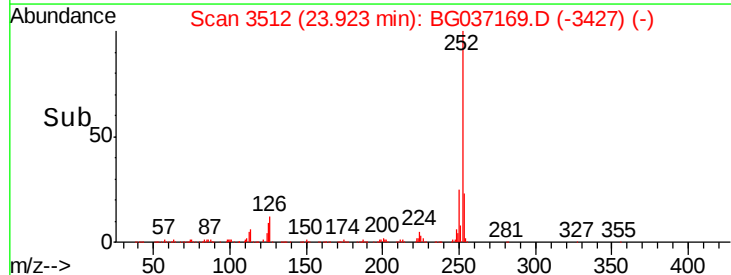
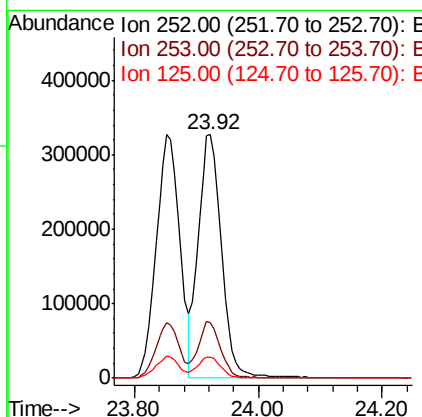
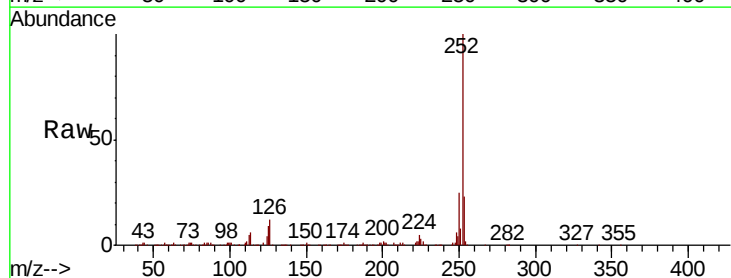
Instrument :
BNA_G
ClientSampleId :
PB113496BSD

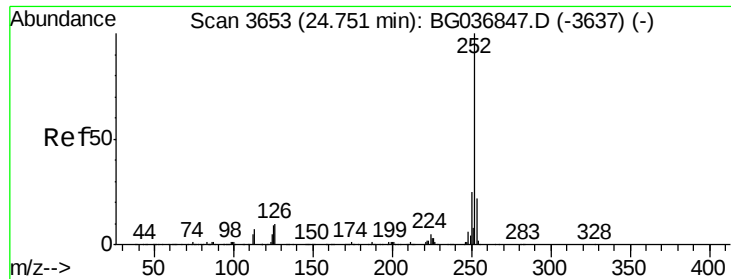
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	8.9	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 49.057 ng
RT: 23.92 min Scan# 3512
Delta R.T. -0.03 min
Lab File: BG037169.D
Acq: 5 Oct 2018 00:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	8.7	7.0	10.6





#89

Benzo(a)pyrene

Concen: 50.578 ng

RT: 24.72 min Scan# 3648

Delta R.T. -0.03 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

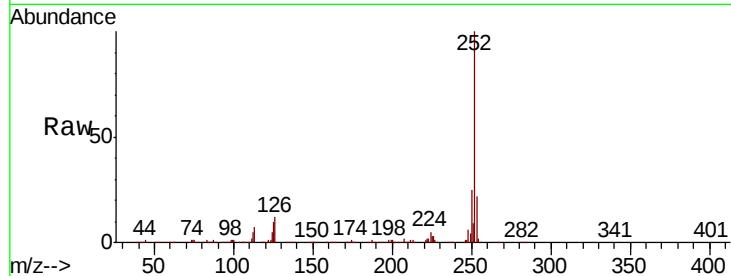
Tgt Ion:252 Resp: 839990

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

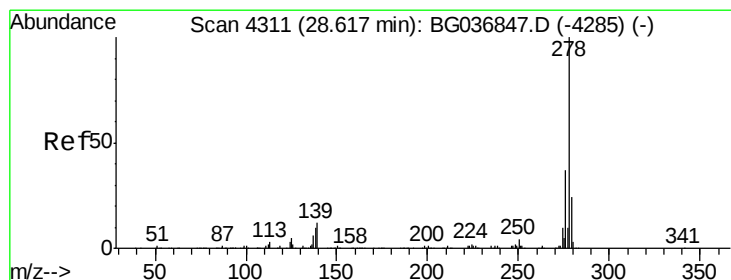
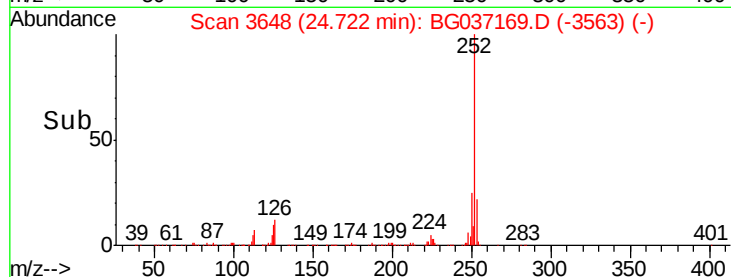
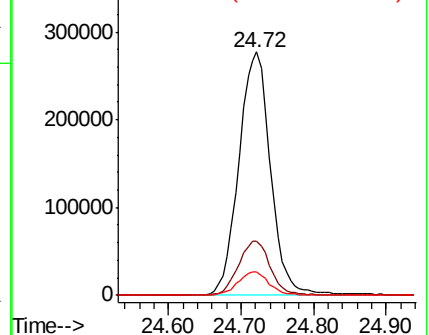
125 9.6 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.642 ng

RT: 28.57 min Scan# 4303

Delta R.T. -0.05 min

Lab File: BG037169.D

Acq: 5 Oct 2018 00:00

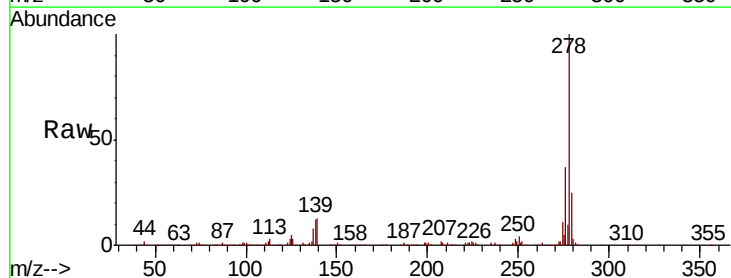
Tgt Ion:278 Resp: 788248

Ion Ratio Lower Upper

278 100

139 13.0 11.0 16.4

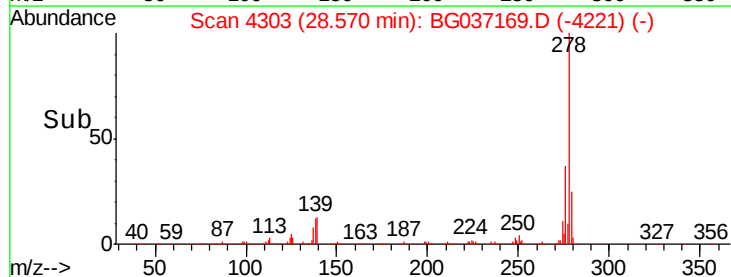
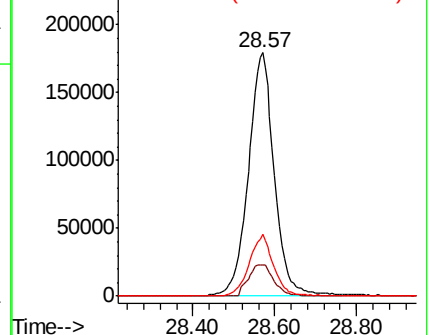
279 25.2 18.7 28.1

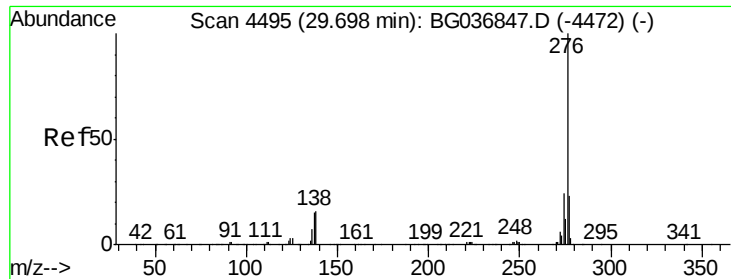


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.153 ng

RT: 29.65 min Scan# 4486

Delta R.T. -0.05 min

Lab File: BG037169.D

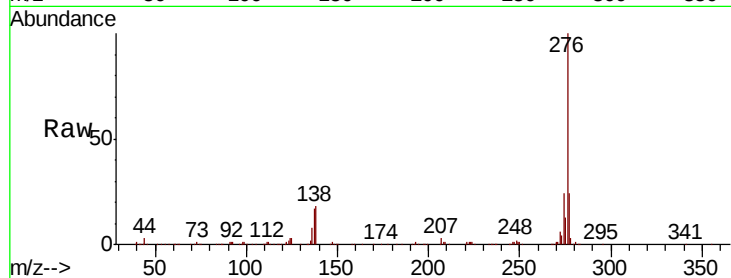
Acq: 5 Oct 2018 00:00

Instrument :

BNA_G

ClientSampleId :

PB113496BSD



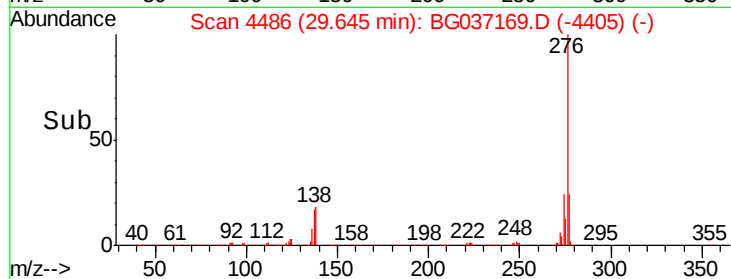
Tgt Ion: 276 Resp: 799075

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 18.1 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

